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Environment Canada Environnement Canada

Historical Streamflow Summary

Ontario

Sommaire chronologique de l'écoulement

TO/JUSQU'À **1988**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1989

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in Ontario for which streamflow data to 1988 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4
(519 821-0110)

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 949-2434)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau de l'Ontario, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1988 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4
(519 821-0110)

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 949-2434)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et

New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1988 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;
3. Annual maximum and minimum daily discharges;
4. Identification of the extreme recorded for the period of record;
5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1987.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1988 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la periode d'observation;
5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1987.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1987 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1987 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

STREAMFLOW DATA/DONNÉES SUR L'ECOULEMENT

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04HE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	710	553	283	225	317	535	485	---	---	1929
1930	---	---	---	---	838	628	338	180	157	---	---	---	---	1930
1932	---	---	---	---	---	---	---	---	---	660	603	221	---	1932
1933	216	217	226	505	749	345	183	175	148	150	129	108	272	1933
1934	114	123	146	208	1 150	476	280	182	301	313	476	306	341	1934
1935	212	243	256	450	551	384	265	236	231	339	232	189	295	1935
1936	126	121	153	270	1 220	548	215	156	153	224	196	164	298	1936
1937	153	154	170	508	760	276	384	270	242	359	387	255	328	1937
1938	199	219	271	588	741	484	272	407	208	167	219	178	358	1938
1939	167	241	284	380	1 200	376	524	182	248	317	233	202	382	1939
1940	218	204	182	283	848	585	293	182	222	207	283	183	305	1940
1941	173	180	204	611	650	235	195	273	581	710	493	263	375	1941
1942	228	275	244	585	523	241	211	184	267	386	317	180	305	1942
1943	183	187	183	325	533	536	270	208	183	153	188	148	288	1943
1944	150	148	166	337	624	305	182	225	272	349	245	181	284	1944
1945	195	181	361	539	539	884	378	208	232	237	307	180	334	1945
1946	180	189	384	388	705	504	285	181	245	202	224	178	307	1946
1947	178	188	198	242	1 420	1 040	201	205	176	183	172	170	385	1947
1948	157	135	141	484	497	208	206	249	206	206	218	171	241	1948
1949	156	161	169	427	433	414	219	183	182	187	194	166	242	1949
1950	145	155	158	298	1 130	522	481	193	174	196	257	232	327	1950
1951	217	215	247	648	321	289	221	170	172	323	281	230	292	1951
1952	219	242	233	536	581	421	286	289	203	243	278	228	313	1952
1953	282	250	321	809	788	242	178	151	242	220	221	222	312	1953
1954	205	228	264	530	548	301	318	231	230	634	325	229	336	1954
1955	232	243	237	557	258	207	186	141	151	231	226	182	234	1955
1956	174	180	213	246	883	480	262	188	230	211	185	186	284	1956
1957	183	170	205	622	301	282	686	180	185	181	308	203	288	1957
1958	231	241	248	380	280	288	241	189	272	380	325	229	276	1958
1959	224	231	243	382	884	221	187	181	176	293	228	221	280	1959
1960	209	239	262	411	1 620	475	287	284	248	258	288	224	401	1960
1961	228	182	212	388	516	351	278	187	523	414	328	277	325	1961
1962	264	292	276	361	740	428	188	215	348	215	184	162	308	1962
1963	137	139	184	385	388	283	178	178	182	190	188	172	213	1963
1964	184	188	200	619	849	898	278	185	218	357	285	220	340	1964
1965	188	221	237	252	787	245	234	216	330	518	258	237	313	1965
1966	228	263	247	508	467	320	189	196	213	534	395	388	328	1966
1967	309	282	287	784	1 110	631	233	244	232	255	282	251	424	1967
1968	243	250	261	530	309	284	506	252	241	285	251	250	314	1968
1969	229	212	224	443	583	390	245	245	280	489	472	292	341	1969
1970	278	258	251	340	444	344	258	229	253	182	190	182	258	1970
1971	170	210	238	387	709	247	207	184	271	218	258	208	277	1971
1972	183	238	245	255	612	384	233	196	173	262	188	199	284	1972
1973	188	197	248	404	508	256	248	228	248	238	229	207	285	1973
1974	172	185	231	277	699	488	329	239	231	294	284	234	303	1974
1975	225	228	228	286	438	388	172	145	148	155	240	201	238	1975
1976	190	184	190	774	567	257	170	167	203	229	213	167	278	1976
1977	208	187	231	805	275	201	183	181	290	208	236	176	280	1977
1978	188	188	182	192	588	431	418	217	224	345	201	187	288	1978
1979	229	239	206	587	1 120	788	278	213	247	376	298	285	404	1979
1980	268	275	235	548	581	288	181	204	228	322	250	201	288	1980
1981	223	250	278	814	559	288	210	182	158	176	183	158	272	1981
1982	148	182	174	271	584	172	215	143	226	446	370	254	285	1982
1983	258	248	231	288	884	482	189	185	243	261	208	172	295	1983
1984	176	183	180	483	280	368	342	173	180	181	208	213	244	1984
1985	228	238	238	535	392	303	251	184	182	207	258	202	258	1985
1986	208	212	218	503	451	184	170	310	218	306	226	228	270	1986
1987	217	230	195	288	198	187	188	219	188	283	227	207	218	1987
1988	208	202	228	432	854	250	300	385	297	321	713	319	377	1988
MEAN	203	212	228	484	659	384	282	210	236	298	278	212	300	MEAN

LOCATION - LAT 49 52 55 N DRAINAGE AREA, 22 900 km² DATA CONTRIBUTED BY -
LONG 81 34 00 W REGULATED ONTARIO HYDRO

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04HE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	1 280 ON OCT 24	---	---	1929
1930	---	1 420 ON MAY 5	---	---	1930
1932	---	1 130 ON OCT 28	---	---	1932
1933	---	1 310 ON APR 22	32.0 ON JUL 1	8 870 000	1933
1934	---	2 160 ON MAY 5	29.2 ON AUG 15	10 800 000	1934
1935	---	1 080 ON APR 28	78.2 ON SEP 15	9 340 000	1935
1936	---	2 120 ON MAY 14	54.8 ON FEB 9	8 350 000	1936
1937	---	1 710 ON APR 23	80.3 ON SEP 6	10 300 000	1937
1938	---	2 070 ON APR 28	74.8 ON JUL 4	11 300 000	1938
1939	---	2 000 ON MAY 11	77.8 ON APR 16	11 400 000	1939
1940	---	1 780 ON MAY 29	105 ON SEP 10	8 880 000	1940
1941	---	1 440 ON MAY 7	113 ON MAR 4	11 800 000	1941
1942	---	1 670 ON APR 28	119 ON JUL 1	9 880 000	1942
1943	---	1 200 ON JUN 20	113 ON DEC 28	8 480 000	1943
1944	---	1 180 ON MAY 15	88.1 ON JUL 2	8 350 000	1944
1945	---	1 380 ON MAR 30	95.3 ON JUL 2	10 800 000	1945
1946	---	2 080 ON MAY 26	96.8 ON SEP 2	9 880 000	1946
1947	---	2 510 ON MAY 19 *	100 ON DEC 25	11 500 000	1947
1948	---	1 390 ON APR 26	90.0 ON DEC 25	7 810 000	1948
1949	---	1 170 ON JUN 30	101 ON DEC 25	7 830 000	1949
1950	---	1 590 ON MAY 9	91.2 ON JAN 1	10 300 000	1950
1951	---	1 820 ON APR 15	98.0 ON SEP 3	9 220 000	1951
1952	---	1 400 ON MAY 16	78.2 ON SEP 1	8 880 000	1952
1953	---	1 210 ON MAY 8	100 ON SEP 7	8 880 000	1953
1954	---	1 850 ON OCT 18	123 ON JAN 1	10 800 000	1954
1955	---	1 140 ON APR 18	87.8 ON DEC 25	7 390 000	1955
1956	---	1 570 ON MAY 16	88.7 ON JAN 1	8 880 000	1956
1957	---	2 180 ON APR 27	96.3 ON APR 14	9 070 000	1957
1958	---	867 ON APR 19	78.2 ON AUG 3	8 880 000	1958
1959	---	1 200 ON MAY 8	88.1 ON AUG 3	8 210 000	1959
1960	---	2 380 ON MAY 10	75.8 ON APR 3	12 700 000	1960
1961	---	1 180 ON MAY 15	85.2 ON AUG 13	10 200 000	1961
1962	---	1 420 ON MAY 6	92.0 ON NOV 11	9 720 000	1962
1963	---	881 ON APR 15	86.5 ON AUG 5	6 720 000	1963
1964	---	1 670 ON APR 30	48.8 ON DEC 25	10 800 000	1964
1965	---	1 300 ON MAY 17	48.7 ON JAN 1	8 850 000	1965
1966	---	1 250 ON APR 25	44.7 ON JUL 3	10 300 000	1966
1967	---	1 800 ON MAY 3	85.8 ON SEP 4	13 400 000	1967
1968	---	1 190 ON APR 18	100 ON SEP 6	9 940 000	1968
1969	---	1 080 ON MAY 4	132 ON FEB 23	10 700 000	1969
1970	---	1 210 ON MAY 2	58.8 ON DEC 25	8 480 000	1970
1971	---	885 ON MAY 1	25.6 ON JAN 1	8 730 000	1971
1972	---	1 170 ON MAY 2	85.0 ON JAN 3	8 340 000	1972
1973	---	888 ON APR 23	59.7 ON JAN 14	8 440 000	1973
1974	---	945 ON MAY 1	88.8 ON DEC 25	9 570 000	1974
1975	---	988 ON MAY 3	81.8 ON SEP 7	7 440 000	1975
1976	---	2 100 ON APR 21	87.8 ON DEC 28	8 820 000	1976
1977	---	1 570 ON APR 23	81.4 ON DEC 25	7 870 000	1977
1978	---	1 220 ON MAY 15	78.3 ON JAN 2	9 110 000	1978
1979	---	2 110 ON MAY 10	78.9 ON JAN 1	12 700 000	1979
1980	---	1 490 ON APR 30	103 ON JUL 24	9 420 000	1980
1981	---	1 020 ON MAY 6	84.0 ON OCT 4	8 580 000	1981
1982	---	1 410 ON MAY 3	25.2 ON JUN 27 *	8 370 000	1982
1983	---	1 250 ON MAY 27	45.3 ON DEC 11	9 290 000	1983
1984	---	1 200 ON JUN 29	47.8 ON SEP 3	7 710 000	1984
1985	---	2 250 ON APR 26	48.2 ON JUL 1	8 140 000	1985
1986	---	1 150 ON APR 21	92.1 ON JUL 1	6 530 000	1986
1987	---	458 ON APR 20	59.2 ON MAY 18	5 880 000	1987
1988	---	1 550 ON MAY 5	142 ON JAN 1	11 900 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 480 000	MEAN

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	210	418	314	185	154	151	138	119	96.2	88.8	---	1920
1921	72.0	80.2	80.7	237	80.0	119	120	129	117	120	107	120	113	1921
1922	88.8	124	217	351	785	167	232	156	137	135	128	96.1	220	1922
1923	108	118	109	188	198	144	124	128	138	130	112	101	133	1923
1924	130	140	128	188	184	125	123	113	106	106	111	97.7	127	1924
1925	108	110	113	198	153	322	302	170	107	113	118	108	161	1925
1926	103	122	158	185	232	180	488	170	113	113	127	102	171	1926
1927	86.1	87.0	120	283	181	222	132	201	183	280	212	209	184	1927
1928	280	188	124	213	593	466	304	230	276	503	211	183	287	1928
1929	202	186	201	228	289	192	189	158	151	286	227	187	204	1929
1930	173	186	181	225	241	299	197	117	117	143	138	132	179	1930
1931	132	131	133	174	148	131	132	115	83.1	84.6	108	140	127	1931
1932	147	185	197	287	156	88.2	82.9	120	156	452	301	175	194	1932
1933	183	167	198	321	288	175	152	138	104	108	86.5	86.5	189	1933
1934	83.0	84.3	118	150	402	228	174	135	129	158	228	197	176	1934
1935	186	202	221	247	177	180	152	122	131	140	137	123	184	1935
1936	87.4	86.3	116	175	412	267	143	122	120	126	120	115	158	1936
1937	119	128	138	228	181	152	154	151	150	156	174	178	159	1937
1938	175	195	246	371	334	223	119	199	137	114	133	129	198	1938
1939	140	154	230	270	439	205	341	121	148	156	151	151	209	1939
1940	172	182	123	180	340	290	182	164	138	155	135	144	181	1940
1941	125	127	148	254	237	128	130	174	231	384	303	174	202	1941
1942	183	163	153	321	230	180	127	138	113	163	174	151	175	1942
1943	138	132	115	188	185	352	156	134	132	84.5	100	102	150	1943
1944	106	105	109	184	222	178	109	128	126	194	155	142	147	1944
1945	138	133	232	205	312	404	239	149	141	139	174	125	200	1945
1946	165	175	233	178	361	217	177	157	143	155	144	120	193	1946
1947	122	133	143	186	627	604	162	146	147	150	127	124	223	1947
1948	130	125	130	217	183	136	136	144	138	128	127	115	141	1948
1949	117	119	124	209	147	255	140	112	128	124	136	127	145	1949
1950	121	135	132	217	378	243	288	141	122	127	148	151	184	1950
1951	175	179	187	374	145	180	145	138	122	152	135	140	172	1951
1952	158	186	188	287	297	240	185	185	171	165	140	155	198	1952
1953	178	187	255	337	352	147	132	123	142	123	124	121	188	1953
1954	149	169	184	281	186	158	191	148	165	337	205	184	194	1954
1955	185	187	188	287	133	130	125	135	122	123	141	125	155	1955
1956	139	146	152	180	407	250	155	145	131	137	135	129	175	1956
1957	140	139	152	283	129	174	400	120	110	133	149	138	172	1957
1958	162	169	185	185	150	120	118	109	152	231	187	178	186	1958
1959	177	167	169	281	163	130	120	115	130	159	138	152	163	1959
1960	170	183	214	254	724	357	223	200	185	173	188	189	253	1960
1961	188	133	159	220	184	177	141	137	281	222	182	210	182	1961
1962	214	234	227	251	236	248	127	142	188	187	157	126	190	1962
1963	106	116	124	222	170	154	131	144	142	158	136	132	148	1963
1964	126	133	144	252	242	438	143	147	178	185	151	167	198	1964
1965	150	143	173	188	225	184	164	140	153	299	212	208	188	1965
1966	188	177	186	258	170	150	129	160	188	199	266	259	191	1966
1967	250	334	262	337	510	441	158	150	175	179	189	211	288	1967
1968	205	208	208	221	137	154	257	155	123	152	191	180	182	1968
1969	173	180	185	232	189	255	183	145	148	297	312	228	208	1969
1970	208	218	228	243	177	180	178	153	138	133	135	139	177	1970
1971	128	148	158	258	283	184	185	130	141	129	189	132	170	1971
1972	150	141	167	189	194	183	140	171	130	137	144	154	162	1972
1973	156	156	148	180	218	178	188	152	147	172	189	158	165	1973
1974	135	154	172	234	231	272	203	177	180	145	178	188	185	1974
1975	182	194	186	188	178	182	144	140	139	138	137	137	159	1975
1976	137	137	147	325	315	204	151	158	153	167	195	184	189	1976
1977	144	145	182	270	167	167	156	159	150	138	122	123	158	1977
1978	144	138	135	182	200	188	264	191	144	153	149	187	187	1978
1979	176	169	191	278	509	523	195	158	158	200	181	189	244	1979
1980	238	218	193	286	286	171	121	180	189	164	176	189	198	1980
1981	188	170	208	303	228	177	180	182	134	111	118	122	174	1981
1982	120	111	110	174	200	138	108	99.5	120	188	201	202	148	1982
1983	188	191	182	181	291	234	140	149	144	136	138	121	174	1983
1984	118	114	141	231	148	148	145	158	140	128	117	142	144	1984
1985	172	178	181	258	156	143	131	127	138	130	153	169	181	1985
1986	173	163	178	282	192	149	148	171	132	141	151	177	169	1986
1987	161	178	181	187	125	128	135	150	136	131	141	155	149	1987
1988	185	184	188	220	378	177	178	202	190	212	382	215	219	1988
MEAN	153	158	169	239	293	215	172	148	145	170	182	151	179	MEAN

LOCATION - LAT 48 45 44 N
LONG 80 40 07 W

DRAINAGE AREA, 13 300 km²
REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	809 ON APR 5	---	---	1920
1921	---	487 ON APR 8	0 ON DEC 25 *	3 880 000	1921
1922	---	1 010 ON MAY 8 *	0 ON SEP 3	5 940 000	1922
1923	---	413 ON APR 27	0 ON NOV 3	4 190 000	1923
1924	---	337 ON APR 26	0 ON JUN 26	4 020 000	1924
1925	---	838 ON JUN 8	0 ON SEP 8	5 070 000	1925
1926	---	877 ON JUL 18	0 ON SEP 6	6 400 000	1926
1927	---	760 ON OCT 3	25.2 ON MAR 13	5 810 000	1927
1928	---	851 ON MAY 11	0 ON JUL 6	9 410 000	1928
1929	---	778 ON OCT 28	0 ON SEP 1	6 430 000	1929
1930	---	671 ON JUN 21	0 ON JUL 20	5 640 000	1930
1931	---	238 ON APR 22	0 ON SEP 6	3 990 000	1931
1932	---	760 ON OCT 27	0 ON JUN 11	6 130 000	1932
1933	---	812 ON APR 20	0 ON SEP 3	5 340 000	1933
1934	---	835 ON MAY 3	0 ON JUL 28	5 870 000	1934
1935	---	482 ON APR 28	0 ON JUN 30	5 180 000	1935
1936	---	883 ON MAY 13	0 ON JAN 3	4 860 000	1936
1937	---	480 ON APR 25	0 ON MAR 20	5 020 000	1937
1938	---	798 ON APR 30	0 ON JUN 25	6 230 000	1938
1939	---	860 ON JUL 12	1.25 ON AUG 26	6 800 000	1939
1940	---	881 ON MAY 27	0 ON SEP 21	5 730 000	1940
1941	---	785 ON MAY 6	0 ON JUN 7	8 380 000	1941
1942	---	843 ON APR 26	22.1 ON JUL 25	6 500 000	1942
1943	---	708 ON JUN 18	24.8 ON OCT 3	4 740 000	1943
1944	---	532 ON MAY 14	0 ON JUL 1	4 830 000	1944
1945	---	830 ON JUN 8	0 ON DEC 22	5 300 000	1945
1946	---	872 ON JUN 1	0 ON SEP 1	8 080 000	1946
1947	---	886 ON JUN 14	0.585 ON AUG 31	7 020 000	1947
1948	---	380 ON APR 20	0 ON DEC 25	4 450 000	1948
1949	---	755 ON JUN 28	18.0 ON AUG 28	4 830 000	1949
1950	---	778 ON MAY 8	30.8 ON SEP 4	5 800 000	1950
1951	---	731 ON APR 8	13.3 ON SEP 2	5 410 000	1951
1952	---	705 ON MAY 16	38.6 ON JAN 6	6 200 000	1952
1953	---	535 ON APR 29	0 ON SEP 6	5 850 000	1953
1954	---	889 ON OCT 18	12.5 ON JUN 6	6 110 000	1954
1955	---	588 ON APR 14	0 ON JUL 2	4 900 000	1955
1956	---	580 ON MAY 30	0 ON JUL 1	5 540 000	1956
1957	---	644 ON JUN 30	0 ON MAY 5	5 430 000	1957
1958	---	436 ON OCT 24	0 ON MAY 11	5 250 000	1958
1959	---	481 ON APR 25	0 ON MAY 24	5 140 000	1959
1960	---	876 ON MAY 11	5.38 ON OCT 2	7 890 000	1960
1961	---	530 ON SEP 15	0 ON MAY 28	5 750 000	1961
1962	---	674 ON JUN 2	0 ON JUN 17	5 880 000	1962
1963	---	486 ON APR 16	0 ON JAN 6	4 560 000	1963
1964	---	776 ON JUN 19	0 ON JAN 5	6 280 000	1964
1965	---	479 ON MAY 16	0 ON JAN 10	5 830 000	1965
1966	---	528 ON APR 21	0 ON JAN 1	6 030 000	1966
1967	---	711 ON MAY 24	0 ON JUL 9	8 380 000	1967
1968	---	612 ON JUL 20	0 ON MAY 5	5 750 000	1968
1969	---	580 ON OCT 14	0 ON AUG 31	6 500 000	1969
1970	---	433 ON MAY 2	0 ON JUL 12	5 580 000	1970
1971	---	470 ON APR 29	0 ON JAN 1	5 340 000	1971
1972	---	411 ON APR 30	0 ON JAN 1	5 110 000	1972
1973	---	438 ON MAY 3	135 ON FEB 18	6 220 000	1973
1974	---	854 ON JUN 5	127 ON SEP 2	5 820 000	1974
1975	---	354 ON MAY 1	131 ON JUL 14	5 010 000	1975
1976	---	783 ON APR 19	0 ON OCT 24	5 880 000	1976
1977	---	535 ON APR 22	37.7 ON SEP 11	6 000 000	1977
1978	---	379 ON JUN 28	86.8 ON SEP 8	5 280 000	1978
1979	---	749 ON MAY 11	107 ON SEP 4	7 890 000	1979
1980	---	845 ON MAY 12	82.9 ON JUL 30	8 250 000	1980
1981	---	533 ON MAY 16	93.3 ON DEC 6	5 470 000	1981
1982	---	550 ON MAY 1	51.3 ON AUG 19	4 600 000	1982
1983	---	493 ON MAY 4	93.8 ON JUL 26	6 470 000	1983
1984	---	385 ON APR 18	95.4 ON AUG 27	4 540 000	1984
1985	---	717 ON APR 24	105 ON JUL 31	5 070 000	1985
1986	---	442 ON APR 20	112 ON OCT 21	5 340 000	1986
1987	---	213 ON APR 30	0 ON MAR 2	4 690 000	1987
1988	---	686 ON MAY 14	124 ON APR 3	6 830 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 850 000	MEAN

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	---	---	---	184	193	208	---	1924
1925	---	---	---	---	413	852	458	333	183	---	---	---	---	1925
1926	---	---	---	---	---	---	---	---	---	809	327	248	---	1926
1927	205	206	228	383	870	458	251	197	251	487	387	204	326	1927
1930	192	198	185	302	828	528	300	139	141	194	208	182	285	1930
1931	162	160	145	309	445	191	162	126	105	178	310	233	207	1931
1932	196	208	216	346	505	152	186	232	294	805	448	226	302	1932
1933	211	206	217	557	529	287	167	189	136	133	115	95.8	244	1933
1934	106	107	133	194	909	402	228	182	244	278	415	278	289	1934
1935	196	213	221	401	442	289	216	179	187	278	196	185	248	1935
1936	112	114	140	248	850	463	180	128	133	183	161	141	247	1936
1937	140	144	156	434	580	240	329	227	217	320	381	237	283	1937
1938	188	200	265	747	804	387	241	348	188	187	207	181	309	1938
1939	183	236	262	337	957	312	445	183	210	290	213	188	317	1939
1940	220	196	172	253	704	502	280	188	221	199	232	187	278	1940
1941	170	172	188	580	456	206	177	282	502	618	489	285	338	1941
1942	218	221	232	587	440	219	191	177	242	357	289	174	278	1942
1943	177	192	176	312	459	557	242	190	180	142	171	141	245	1943
1944	148	144	184	320	518	274	144	210	252	314	229	178	241	1944
1945	187	174	336	453	494	555	334	187	207	218	287	171	301	1945
1946	173	192	380	350	616	441	243	171	229	192	198	188	281	1946
1947	172	183	190	237	1 180	880	183	185	188	173	186	171	321	1947
1948	186	130	137	438	426	193	196	226	183	200	189	159	220	1948
1949	153	158	182	389	355	382	200	181	178	175	184	161	223	1949
1950	148	153	154	288	920	456	415	192	174	195	248	219	298	1950
1951	220	218	253	738	281	248	205	163	189	304	273	218	274	1951
1952	217	235	228	485	505	372	257	250	202	223	255	209	287	1952
1953	255	236	316	586	863	218	174	157	260	201	209	201	288	1953
1954	200	215	244	497	458	273	307	215	222	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	200	205	174	---	1955
1956	170	188	207	233	772	387	232	184	209	194	181	159	280	1956
1957	180	185	186	524	237	272	578	163	183	187	273	190	256	1957
1958	218	228	233	328	243	231	218	174	232	366	295	213	248	1958
1959	210	221	232	381	473	200	175	141	188	285	201	208	239	1959
1960	203	225	237	387	1 390	427	270	288	236	238	258	212	384	1960
1961	221	175	202	356	437	328	238	175	478	356	293	283	293	1961
1962	274	282	288	350	639	348	171	201	289	188	187	184	280	1962
1963	137	138	185	347	318	255	170	174	181	184	171	183	200	1963
1964	182	191	191	581	524	610	231	174	208	318	240	200	301	1964
1965	184	209	220	235	688	217	213	200	288	485	239	224	282	1965
1966	212	248	231	488	388	278	184	188	184	488	370	336	295	1966
1967	291	377	364	718	875	582	214	224	214	---	---	---	---	1967
MEAN	188	196	217	411	588	388	248	195	219	282	253	198	278	MEAN

LOCATION - LAT 49 36 30 N
LONG 81 23 10 W

DRAINAGE AREA, 20 700 km²
REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04HE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	1 420 ON JUN 11	---	---	1925
1926	---	1 880 ON OCT 23	---	---	1926
1927	---	1 210 ON OCT 27	27.8 ON APR 7	10 200 000	1927
1930	---	1 190 ON MAY 4	33.4 ON AUG 18	8 340 000	1930
1931	---	885 ON NOV 25	31.7 ON SEP 8	8 540 000	1931
1932	---	1 050 ON OCT 28	62.6 ON AUG 14	9 540 000	1932
1933	---	1 180 ON APR 21	16.4 ON JUL 1	7 680 000	1933
1934	---	1 610 ON MAY 5	27.2 ON AUG 19	9 120 000	1934
1935	---	823 ON APR 28	40.8 ON MAR 3	7 840 000	1935
1936	---	1 820 ON MAY 14	22.7 ON DEC 25	7 800 000	1936
1937	---	1 380 ON APR 28	58.2 ON NOV 28	8 830 000	1937
1938	---	1 680 ON APR 28	4.28 ON JUL 4 *	8 780 000	1938
1939	---	1 580 ON MAY 10	28.6 ON AUG 12	10 000 000	1939
1940	---	1 400 ON MAY 28	28.6 ON NOV 3	8 780 000	1940
1941	---	1 150 ON MAY 7	34.0 ON MAR 3	10 600 000	1941
1942	---	1 380 ON APR 25	53.5 ON AUG 16	8 780 000	1942
1943	---	1 100 ON JUN 19	55.5 ON AUG 1	7 710 000	1943
1944	---	988 ON MAY 4	37.7 ON JUL 2	7 820 000	1944
1945	---	1 110 ON MAR 29	78.4 ON AUG 12	8 500 000	1945
1946	---	1 870 ON MAY 25	80.7 ON DEC 25	8 650 000	1946
1947	---	1 930 ON MAY 17 *	82.3 ON AUG 17	10 100 000	1947
1948	---	1 010 ON APR 27	81.0 ON JUL 11	8 970 000	1948
1949	---	1 010 ON JUN 28	72.6 ON JUL 10	7 040 000	1949
1950	---	1 400 ON MAY 9	37.7 ON OCT 1	8 380 000	1950
1951	---	1 340 ON APR 14	38.6 ON MAY 27	8 640 000	1951
1952	---	1 180 ON MAY 16	44.7 ON JUL 27	9 080 000	1952
1953	---	1 020 ON MAY 6	27.8 ON AUG 9	8 080 000	1953
1954	---	1 010 ON APR 23	---	---	1954
1955	---	---	---	---	1955
1956	---	1 380 ON MAY 16	55.5 ON SEP 30	8 220 000	1956
1957	---	1 880 ON APR 26	31.7 ON JUN 9	8 080 000	1957
1958	---	718 ON APR 18	45.6 ON MAY 12	7 820 000	1958
1959	---	1 030 ON MAY 7	58.5 ON AUG 30	7 580 000	1959
1960	---	1 930 ON MAY 10	47.9 ON APR 3	11 500 000	1960
1961	---	1 100 ON MAY 16	53.2 ON JUN 18	8 250 000	1961
1962	---	1 250 ON MAY 5	40.2 ON DEC 30	8 630 000	1962
1963	---	821 ON APR 18	35.1 ON DEC 15	6 320 000	1963
1964	---	1 340 ON APR 29	38.2 ON SEP 7	9 520 000	1964
1965	---	1 080 ON MAY 17	34.5 ON APR 11	8 880 000	1965
1966	---	1 230 ON OCT 18	44.7 ON JUL 2	9 300 000	1966
1967	---	1 670 ON MAY 3	---	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 700 000	MEAN

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04HE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	---	420	288	271	---	1958
1960	288	284	298	488	2 050	891	385	338	282	380	388	278	508	1960
1961	274	203	227	504	785	415	354	190	622	573	433	321	410	1961
1962	320	352	331	480	1 040	713	278	338	570	288	241	209	428	1962
1963	158	152	183	415	588	402	218	223	228	223	225	221	288	1963
1964	227	221	218	718	1 020	812	438	304	281	515	375	248	457	1964
1965	207	228	245	245	1 200	387	337	308	444	741	390	258	418	1965
1966	244	276	255	523	833	515	271	252	252	750	509	418	428	1966
1967	325	408	382	815	1 810	885	304	305	252	289	350	313	535	1967
1968	280	288	303	728	418	388	688	384	382	354	304	280	395	1968
1969	280	237	242	471	758	551	355	350	388	638	583	388	437	1969
1970	303	292	278	351	657	458	328	244	374	208	204	230	327	1970
1971	200	228	258	423	972	321	241	228	389	288	312	252	342	1971
1972	218	265	264	282	831	488	300	228	208	339	267	227	322	1972
1973	217	216	265	488	737	332	323	290	288	288	277	243	331	1973
1974	208	217	258	307	1 020	619	428	303	278	384	364	298	392	1974
1975	285	248	280	338	718	485	253	202	183	182	318	248	305	1975
1976	222	208	202	825	781	348	228	248	287	285	271	220	342	1976
1977	234	218	265	1 000	550	275	288	230	418	280	370	238	382	1977
1978	213	210	177	219	1 150	822	643	263	287	458	288	244	418	1978
1979	249	280	220	674	1 570	983	347	285	323	488	384	298	508	1979
1980	303	287	249	813	824	382	240	238	288	428	308	237	385	1980
1981	230	252	283	682	834	431	259	198	211	245	248	187	339	1981
1982	178	221	202	318	880	287	380	224	322	578	508	315	384	1982
1983	288	255	224	280	1 140	608	228	203	348	344	277	234	358	1983
1984	213	221	214	818	428	482	488	229	195	218	288	318	328	1984
1985	288	283	282	513	612	283	331	258	218	288	355	288	342	1985
1986	258	253	257	584	638	288	233	370	278	402	317	288	348	1986
1987	274	290	247	384	287	288	278	283	218	378	320	281	295	1987
1988	281	272	304	881	1 180	330	387	482	348	379	787	381	488	1988
MEAN	247	252	253	514	808	480	334	278	314	388	348	278	384	MEAN

LOCATION - LAT 50 38 00 N
LONG 81 28 00 W

DRAINAGE AREA, 27 500 km^2
REGULATED

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04HE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	2 820E ON MAY 12	101 E ON SEP 20	15 100 000	1960
1961	1 650 AT 08:00 EST ON MAY 17	1 580 ON MAY 17	20.3 ON AUG 29	12 900 000	1961
1962	1 980 AT 10:45 EST ON JUN 2	1 880 ON JUN 2	81.2 ON NOV 12	13 500 000	1962
1963	1 370 AT 08:30 EST ON APR 20	885 ON APR 20	42.6 ON AUG 28	8 380 000	1963
1964	2 380 AT 20:00 EST ON APR 30	2 330 ON APR 30	70.8RB ON DEC 26	14 500 000	1964
1965	1 770 AT 15:00 EST ON MAY 9	1 630 ON MAY 9	25.5RB ON MAR 29	13 100 000	1965
1966	1 680 AT 11:00 EST ON OCT 17	1 590 ON OCT 17	82.1E ON SEP 17	13 400 000	1966
1967	---	3 000E ON MAY 6	135 ON OCT 2	15 900 000	1967
1968	---	1 540E ON APR 19	116 E ON JUN 10	12 500 000	1968
1969	---	1 2708 ON MAY 5	105 B ON MAR 17	13 800 000	1969
1970	---	1 430B ON MAY 3	19.8B ON DEC 28 *	10 300 000	1970
1971	1 980 AT 14:27 EST ON MAY 1	1 550 ON MAY 1	47.0B ON APR 12	10 800 000	1971
1972	---	1 380E ON MAY 3	51.8 ON SEP 18	10 200 000	1972
1973	1 250 AT 08:20 EST ON APR 24	1 200 ON APR 24	43.3B ON JAN 15	10 400 000	1973
1974	1 310 AT 04:00 EST ON MAY 18	1 240 ON MAY 18	83.0B ON JAN 20	12 400 000	1974
1975	---	1 820E ON MAY 2	99.1E ON OCT 20	9 820 000	1975
1976	---	2 370 ON APR 22	63.1B ON DEC 27	10 800 000	1976
1977	2 840 AT 13:30 EST ON APR 23	2 690 ON APR 22	71.8B ON MAR 30	11 400 000	1977
1978	2 080 AT 14:20 EST ON MAY 14	1 980 ON MAY 14	39.4B ON MAR 20	13 100 000	1978
1979	3 400 AT 01:05 EST ON MAY 11 *	3 210 ON MAY 10 *	112 B ON JAN 2	16 000 000	1979
1980	1 870 AT 18:45 EST ON APR 30	1 840 ON APR 30	120 B ON DEC 25	11 800 000	1980
1981	1 570 AT 20:04 EST ON MAY 6	1 450 ON MAY 6	84.0B ON DEC 25	10 700 000	1981
1982	1 900 AT 20:30 EST ON MAY 5	1 900B ON MAY 3	83.0B ON JAN 2	11 500 000	1982
1983	2 580 AT 06:30 EST ON MAY 5	1 620 ON MAY 5	86.0B ON APR 4	11 800 000	1983
1984	1 470 AT 17:17 EST ON JUN 29	1 420 ON JUN 29	84.0E ON SEP 1	10 300 000	1984
1985	2 140 AT 04:12 EST ON APR 27	2 520 ON APR 28	131 ON SEP 3	10 800 000	1985
1986	1 280 AT 21:30 EST ON APR 29	1 250 ON APR 30	128 ON JUL 2	10 800 000	1986
1987	847 AT 20:30 EST ON APR 19	748 ON APR 20	83.0B ON MAR 18	8 280 000	1987
1988	---	1 770 ON MAY 5	188 B ON FEB 5	14 500 000	1988
				12 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	450	338	278	---	1961
1962	282	285	274	359	780	442	185	221	378	213	186	183	313	1962
1963	136	138	158	382	402	287	178	185	194	200	200	181	220	1963
1964	205	204	204	524	726	780	338	230	248	424	317	242	378	1964
1965	206	227	245	255	889	308	285	250	380	807	298	254	352	1965
1966	241	274	254	527	553	404	228	224	241	858	458	404	373	1966
1967	325	407	375	848	1 290	783	273	291	245	274	318	272	473	1967
1968	253	288	298	727	401	341	818	333	321	324	295	288	371	1968
1969	243	224	234	480	684	474	308	314	358	575	529	324	395	1969
1970	284	280	273	374	578	434	307	288	352	232	225	217	320	1970
1971	187	223	256	444	902	303	280	231	383	272	312	241	332	1971
1972	218	255	282	283	781	459	293	221	200	334	218	221	311	1972
1973	214	207	254	479	859	308	305	277	293	273	281	232	315	1973
1974	185	200	240	282	865	583	382	274	263	389	319	252	382	1974
1975	233	231	234	307	587	445	207	181	182	188	288	221	287	1975
1976	189	188	185	881	784	314	190	207	223	282	235	189	323	1976
1977	218	205	246	889	388	238	236	204	356	240	283	200	281	1977
1978	182	185	186	201	894	583	515	243	273	446	242	220	349	1978
1979	245	262	218	632	1 330	911	328	280	286	482	370	291	485	1979
1980	288	280	243	597	748	353	209	212	240	378	280	211	337	1980
1981	224	251	278	718	785	382	234	183	189	198	213	172	313	1981
1982	184	193	177	278	787	224	277	178	281	534	484	288	318	1982
1983	288	252	224	274	1 040	574	188	187	298	307	238	185	338	1983
1984	182	188	183	534	388	430	424	190	180	175	238	237	278	1984
1985	239	238	235	537	823	245	288	218	178	252	303	218	280	1985
1986	217	217	217	533	670	240	203	365	255	382	258	238	308	1986
1987	222	230	200	322	248	255	238	244	180	341	287	225	248	1987
1988	213	204	228	480	1 100	301	230	442	327	380	748	355	415	1988
MEAN	228	234	238	481	724	422	288	243	267	345	310	244	335	MEAN

LOCATION - LAT 50 10 55 N, LONG 81 38 12 W
DRAINAGE AREA, 23 400 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	1 820 ON JUN 1	80.7 ON NOV 11	8 870 000	1982
1983	---	878 ON APR 19	13.3 ON AUG 25	8 850 000	1983
1984	---	1 770 ON APR 30	68.8 ON DEC 25	11 900 000	1984
1985	---	1 280 ON MAY 17	24.3 ON MAR 28	11 100 000	1985
1986	---	1 820 ON OCT 17	80.7 ON SEP 18	11 800 000	1986
1987	---	2 040 ON MAY 4	81.2 ON OCT 1	14 800 000	1987
1988	---	1 830 ON APR 18	108 ON JUN 8	11 700 000	1988
1989	---	1 270 ON MAY 4	101 ON MAR 18	12 500 000	1989
1970	---	1 420 ON MAY 2	17.4 ON DEC 25	10 100 000	1970
1971	---	1 180 ON MAY 1	0 ON JAN 10 *	10 500 000	1971
1972	---	1 280 ON MAY 2	0 ON SEP 17	9 830 000	1972
1973	---	1 110 ON APR 23	37.7 ON JAN 14	9 830 000	1973
1974	---	1 080 ON MAY 17	80.3 ON JAN 19	11 100 000	1974
1975	---	1 150 ON MAY 2	83.5 ON OCT 19	8 420 000	1975
1976	---	2 370 ON APR 21	44.2 ON DEC 26	10 200 000	1976
1977	---	1 780 ON APR 23	59.2 ON MAR 29	9 180 000	1977
1978	---	1 540 ON MAY 14	27.2 ON MAR 19	11 000 000	1978
1979	---	2 810 ON MAY 10 *	108 ON JAN 1	14 700 000	1979
1980	---	1 640 ON APR 30	56.9 ON JUL 20	10 700 000	1980
1981	---	1 390 ON MAY 6	34.5 ON SEP 7	9 490 000	1981
1982	---	1 680 ON MAY 3	30.6 ON SEP 6	10 000 000	1982
1983	---	1 470 ON MAY 5	33.9 ON NOV 20	10 800 000	1983
1984	---	1 330 ON JUN 29	89.1 ON SEP 2	8 880 000	1984
1985	---	2 180 ON APR 26	75.8 ON SEP 2	9 130 000	1985
1986	---	1 100 ON APR 21	84.3 ON JUL 1	9 840 000	1986
1987	---	889 ON APR 20	55.4 ON MAY 16	7 810 000	1987
1988	---	1 850 ON MAY 1	126 ON AUG 1	13 100 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 800 000	MEAN

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	---	---	104	107	105	---	1948
1950	110	127	121	134	178	177	220	107	105	77.4	80.2	114	129	1950
1951	157	163	178	161	87.7	113	129	114	106	74.8	78.8	103	122	1951
1952	140	167	172	133	207	193	126	148	142	132	83.4	128	148	1952
1953	158	177	207	187	278	119	117	111	74.8	83.8	82.8	81.5	138	1953
1954	131	166	164	113	84.2	111	141	115	129	218	153	156	138	1954
1955	161	183	174	88.7	84.8	107	104	122	107	85.8	98.7	102	119	1955
1956	112	127	148	88.9	182	184	113	120	96.4	102	114	98.6	124	1956
1957	117	126	136	126	77.3	77.2	289	106	89.9	98.4	74.6	105	118	1957
1958	148	157	183	74.6	84.1	72.8	73.6	84.7	101	149	137	142	114	1958
1959	146	166	181	150	84.6	91.8	96.8	92.1	91.6	84.0	88.7	114	111	1959
1960	138	161	181	102	443	288	180	155	138	113	85.7	126	175	1960
1961	138	107	130	108	73.8	96.1	100	107	144	183	88.6	155	118	1961
1962	178	188	200	110	108	215	104	80.6	93.6	124	126	97.5	138	1962
1963	82.7	85.6	107	90.2	74.3	91.3	105	98.8	97.2	123	81.2	97.8	85.4	1963
1964	104	108	120	117	108	358	147	118	124	111	103	147	139	1964
1965	138	125	148	102	33.2	128	135	80.3	78.6	217	172	174	128	1965
1966	145	154	187	108	72.3	91.6	109	136	138	100	181	203	124	1966
1967	221	312	281	132	333	357	125	118	148	117	114	180	202	1967
1968	184	182	174	42.1	80.5	98.3	190	123	103	107	184	159	124	1968
1969	148	136	144	81.2	78.2	193	138	84.0	118	229	221	192	147	1969
1970	184	193	207	138	63.8	96.1	116	133	107	87.8	87.0	105	128	1970
1971	105	131	135	119	127	154	129	108	96.7	85.4	87.0	90.3	115	1971
1972	127	167	159	96.5	46.6	96.6	108	128	96.7	74.1	110	127	111	1972
1973	126	128	83.9	39.9	92.7	134	140	118	96.7	118	121	120	110	1973
1974	105	128	142	95.2	42.7	210	169	153	118	78.1	128	168	128	1974
1975	173	177	136	86.3	45.1	89.0	124	115	108	87.2	78.2	91.9	108	1975
1976	108	107	108	87.6	213	175	125	126	112	124	168	181	135	1976
1977	118	108	144	82.6	89.1	121	129	134	121	112	72.0	82.1	109	1977
1978	116	107	85.0	86.0	16.6	103	222	157	113	83.6	112	128	112	1978
1979	163	143	160	104	333	452	174	116	114	82.3	111	153	175	1979
1980	217	188	170	128	147	125	89.3	148	127	96.1	133	164	144	1980
1981	143	131	185	105	128	135	152	133	103	87.3	78.6	96.1	120	1981
1982	97.8	86.2	86.1	77.3	86.3	96.3	84.3	85.2	91.6	84.2	152	173	97.1	1982
1983	171	173	126	105	92.4	169	113	126	116	104	104	91.1	124	1983
1984	91.6	86.2	113	80.7	86.4	72.8	89.6	140	116	98.7	59.8	102	84.9	1984
1985	148	152	148	116	87.8	99.4	73.7	83.6	112	77.1	81.7	128	108	1985
1986	140	124	138	87.0	87.8	113	120	112	77.1	82.6	95.7	139	108	1986
1987	154	148	130	82.6	82.6	76.5	79.8	110	104	47.6	86.6	115	86.4	1987
1988	133	132	136	44.8	233	134	161	110	132	148	251	174	148	1988
MEAN	140	147	151	102	121	148	131	118	110	109	115	130	127	MEAN

LOCATION - LAT 48 45 00 N
LONG 80 35 00 W

DRAINAGE AREA, 9 850 km^2
REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1950	---	478 ON JUL 7	14.6 ON OCT 22	4 080 000	1950
1951	---	334 ON APR 7	13.1 ON JUN 17	3 850 000	1951
1952	---	575 ON MAY 16	22.9 ON MAY 4	4 700 000	1952
1953	---	428 ON MAY 5	9.83 ON OCT 4	4 290 000	1953
1954	---	527 ON OCT 17	21.0 ON MAY 23	4 340 000	1954
1955	---	215 ON JAN 31	4.25 ON SEP 4	3 740 000	1955
1956	---	581 ON MAY 29	19.9 ON DEC 24	3 820 000	1956
1957	---	885 ON JUL 10 *	13.6 ON JUN 2	3 770 000	1957
1958	---	278 ON OCT 28	14.7 ON AUG 31	3 590 000	1958
1959	---	241 ON APR 15	3.86 ON MAY 3	3 500 000	1959
1960	---	857 ON MAY 21	20.7 ON APR 3	5 540 000	1960
1961	---	317 ON SEP 25	6.61 ON JUN 18	3 720 000	1961
1962	---	555 ON JUN 2	0 ON AUG 5 *	4 270 000	1962
1963	---	186 ON JUL 9	0 ON JUN 9	3 010 000	1963
1964	---	848 ON JUN 23	0 ON AUG 16	4 380 000	1964
1965	---	289 ON OCT 18	0 ON APR 30	4 050 000	1965
1966	---	309 ON DEC 12	0 ON JUL 1	4 240 000	1966
1967	---	623 ON MAY 24	5.85 ON AUG 20	5 380 000	1967
1968	---	544 ON JUL 20	0 ON JUN 30	4 240 000	1968
1969	---	426 ON OCT 14	7.36 ON MAY 19	4 650 000	1969
1970	---	289 ON JUL 21	6.80 ON JUN 14	3 980 000	1970
1971	---	256 ON JUL 20	6.23 ON MAR 28	3 820 000	1971
1972	---	205 ON JUN 16	6.80 ON SEP 17	3 500 000	1972
1973	---	194 ON MAY 29	6.51 ON APR 2	3 470 000	1973
1974	---	552 ON JUN 5	0.850 ON MAY 21	4 040 000	1974
1975	---	179 ON FEB 7	8.52 ON APR 28	3 400 000	1975
1976	---	411 ON MAY 28	13.0 ON APR 16	4 280 000	1976
1977	---	178 ON MAR 16	8.21 ON APR 21	3 430 000	1977
1978	---	382 ON JUL 3	0 ON MAY 13	3 530 000	1978
1979	---	638 ON JUN 21	8.78 ON APR 21	5 530 000	1979
1980	---	411 ON MAY 12	9.06 ON APR 25	4 570 000	1980
1981	---	387 ON MAY 16	12.2 ON APR 20	3 780 000	1981
1982	---	180 ON DEC 1	6.91 ON MAY 9	3 080 000	1982
1983	---	280 ON JUN 14	28.8 ON MAY 22	3 810 000	1983
1984	---	181 ON AUG 22	17.0 ON JUN 28	3 000 000	1984
1985	---	178 ON MAR 23	7.00 ON MAY 8	3 400 000	1985
1986	---	188 ON AUG 9	4.29 ON APR 24	3 410 000	1986
1987	---	172 ON JAN 16	13.2 ON OCT 5	3 100 000	1987
1988	---	542 ON MAY 13	8.95 ON MAY 1	4 880 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 000 000	MEAN

ALBANY RIVER ABOVE NOTTIK ISLAND - STATION NO. 04GD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	---	---	---	---	157	101	---	1986
1987	77.7	68.8	67.7	70.0	368	824	274	282	123	88.1	133	81.0	188	1987
1988	73.5	67.5	67.2	93.5	866	681	542	693	583	574	597	389	403	1988
1989	282	216	188	178	572	775	575	344	480	580	512	328	427	1989
1970	242	183	118	74.5	347	407	377	352	433	534	440	317	320	1970
1971	258	223	199	217	663	406	200	294	135	318	388	243	287	1971
1972	198	187	149	153	414	284	184	188	184	302	216	138	214	1972
1973	99.5	75.5	67.8	82.4	424	328	421	472	352	255	198	127	243	1973
1974	87.4	78.7	64.9	81.1	842	1 300	818	454	460	471	287	157	398	1974
1975	108	81.5	68.2	75.8	323	495	438	483	302	233	255	184	254	1975
1976	111	80.7	64.9	94.7	388	282	209	124	89.5	154	110	78.3	149	1976
1977	59.2	47.8	42.1	91.8	370	288	332	303	348	259	171	120	204	1977
1978	67.8	72.2	63.0	80.5	294	483	318	488	418	285	188	120	238	1978
1979	80.5	80.7	61.1	78.4	365	374	338	388	462	382	387	221	262	1979
1980	140	102	73.3	80.7	384	208	140	100	110	228	180	107	158	1980
1981	71.7	58.0	53.7	68.1	338	371	208	81.8	44.7	30.4	34.8	47.4	118	1981
1982	44.2	36.8	29.0	38.8	488	810	278	177	244	298	281	144	213	1982
1983	87.5	87.2	83.8	88.2	228	244	514	274	151	191	191	131	188	1983
1984	94.8	74.8	80.2	142	433	437	283	208	118	108	119	107	182	1984
1985	91.5	80.2	88.8	112	788	882	540	525	488	820	580	303	398	1985
1986	168	113	88.1	94.4	471	315	242	140	88.8	154	148	94.7	177	1986
1987	68.4	58.3	58.2	118	261	218	185	188	235	158	128	81.7	148	1987
1988	58.4	42.3	39.8	84.4	188	263	300	283	358	434	283	184	208	1988
MEAN	118	93.4	78.8	98.8	427	441	350	307	281	301	258	185	245	MEAN

LOCATION - LAT 51 38 30 N DRAINAGE AREA, 32 400 km^2
LONG 88 23 50 W REGULATED

REMARKS - MINOR REGULATION BY DIVERSION TO LAKE WINNIPEG AND LAKE SUPERIOR

ALBANY RIVER ABOVE NOTTIK ISLAND - STATION NO. 04ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	810 ON JUN 4	88.0B ON APR 18	5 880 000	1967
1968	---	778 ON OCT 28	88.0B ON MAR 14	12 600 000	1968
1969	934 AT 00:01 EST ON JUN 14	934 ON JUN 14	129 B ON APR 20	13 500 000	1969
1970	813 AT 05:26 EST ON OCT 15	812 ON OCT 15	84.0B ON APR 23	10 100 000	1970
1971	810 AT 17:30 EST ON MAY 21	789 ON MAY 21	105 ON SEP 28	8 380 000	1971
1972	501 AT 12:00 EST ON MAY 22	501 ON MAY 22	113 B ON DEC 31	8 780 000	1972
1973	588 AT 00:52 EST ON AUG 15	588 ON AUG 15	84.0B ON APR 13	7 670 000	1973
1974	1 350 AT 04:01 EST ON JUN 2 *	1 340 ON JUN 1 *	88.9B ON APR 5	12 500 000	1974
1975	---	585A ON JUN 23	85.1B ON MAR 30	8 010 000	1975
1976	5188 AT 20:00 EST ON APR 18	513 ON MAY 17	82.3B ON MAR 23	4 710 000	1976
1977	408 AT 09:10 EST ON MAY 12	405 ON MAY 12	41.3B ON MAR 24	8 430 000	1977
1978	592 AT 22:06 EST ON AUG 25	592 ON AUG 26	57.8B ON APR 8	7 430 000	1978
1979	504 AT 18:01 EST ON MAY 25	502 ON MAY 25	88.1B ON FEB 28	8 280 000	1979
1980	485 AT 23:45 EST ON MAY 12	482 ON MAY 13	87.7B ON APR 12	4 940 000	1980
1981	471 AT 05:50 EST ON MAY 23	470 ON MAY 23	26.0 ON OCT 15 *	3 730 000	1981
1982	783 AT 19:14 EST ON MAY 23	759 ON MAY 24	27.7B ON MAR 20	8 730 000	1982
1983	703 AT 12:00 EST ON JUL 15	703 ON JUL 15	59.5B ON APR 8	5 850 000	1983
1984	498 AT 00:24 EST ON MAY 12	493 ON MAY 10	85.0B ON APR 5	5 750 000	1984
1985	885 AT 14:15 EST ON MAY 20	886 ON MAY 20	83.5B ON APR 10	12 800 000	1985
1986	554 AT 23:50 EST ON MAY 17	559 ON MAY 17	79.0B ON APR 12	5 580 000	1986
1987	281 AT 13:59 EST ON SEP 1	280 ON SEP 1	56.0B ON MAR 16	4 680 000	1987
1988	---	484 ON OCT 1	38.2B ON MAR 11	5 820 000	1988
				7 720 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	83.7	81.2	80.3	182	170	---	1970
1971	152	143	118	58.9	80.4	71.8	51.7	36.3	25.5	39.6	77.5	98.9	79.9	1971
1972	122	102	84.0	80.5	78.2	48.8	36.1	39.0	46.2	58.1	40.5	29.6	65.5	1972
1973	23.8	21.2	20.1	26.5	52.7	38.5	80.8	61.3	73.2	55.8	41.5	29.6	44.1	1973
1974	23.2	20.2	18.6	22.5	104	519	434	161	287	130	87.6	43.9	153	1974
1975	32.1	26.9	22.4	26.3	81.6	74.7	54.3	73.1	47.7	37.8	36.5	28.0	46.2	1975
1976	23.6	21.5	19.9	28.0	53.5	36.7	26.5	21.2	23.1	23.0	17.1	12.2	26.6	1976
1977	9.13	7.88	7.28	27.5	82.1	41.1	63.5	54.3	56.4	49.9	36.6	30.1	36.2	1977
1978	26.5	23.5	19.3	19.1	68.3	89.1	153	217	82.8	51.0	39.6	26.5	69.3	1978
1979	21.0	18.2	16.7	29.0	84.2	76.6	81.6	62.6	89.9	72.9	76.6	47.9	57.6	1979
1980	28.0	22.2	20.1	31.6	52.3	36.6	26.4	22.4	36.6	46.6	31.7	21.6	31.4	1980
1981	15.8	15.3	13.8	19.2	48.4	41.2	31.3	18.7	13.2	12.5	12.8	9.72	21.1	1981
1982	7.48	6.76	7.74	15.0	76.3	62.3	46.8	37.1	42.6	46.0	46.2	33.1	36.6	1982
1983	25.6	22.9	22.0	23.4	39.6	36.6	71.9	42.2	34.8	36.9	34.3	28.4	35.3	1983
1984	27.7	24.3	20.1	41.0	82.3	76.4	80.8	40.5	34.8	33.7	36.0	32.6	38.9	1984
1985	39.1	28.7	22.9	43.0	158	144	348	238	242	303	288	228	173	1985
1986	107	42.6	34.3	47.6	---	---	---	---	---	---	---	---	---	1986
MEAN	42.2	33.8	29.8	38.1	74.7	83.7	102	78.6	77.4	67.3	85.2	54.6	61.1	MEAN

LOCATION - LAT 61 22 00 N
LONG 69 25 20 W
DRAINAGE AREA, 15 300 km^2
REGULATED

REMARKS - STATION DISCONTINUED MAY 29 1986

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	180 B ON JAN 1	20.1 ON SEP 28	2 520 000	1971
1972	---	141 ON JAN 1	25.6 B ON DEC 31	2 070 000	1972
1973	---	81.2E ON AUG 14	18.3 ON APR 13	1 380 000	1973
1974	677 AT 18:05 EST ON JUN 20 *	674 ON JUN 20 *	17.7 B ON APR 11	4 820 000	1974
1975	118 AT 14:48 EST ON MAY 9	118 ON MAY 9	20.4 B ON APR 9	1 480 000	1975
1976	---	84.8 ON APR 28	10.4 B ON DEC 31	841 000	1976
1977	---	111 E ON JUL 25	6.80B ON MAR 24	1 200 000	1977
1978	238 AT 14:45 EST ON AUG 18	234 ON AUG 18	15.5 B ON APR 14	2 180 000	1978
1979	133 AT 11:59 EST ON SEP 8	133 ON SEP 8	16.6 B ON MAR 17	1 820 000	1979
1980	88.7 AT 14:00 EST ON MAY 4	84.8 ON MAY 4	18.3 B ON DEC 31	884 000	1980
1981	57.1 AT 15:24 EST ON MAY 14	56.4 ON MAY 14	8.38B ON DEC 31	885 000	1981
1982	88.7 AT 20:59 EST ON MAY 22	88.4 ON MAY 22	6.48B ON MAR 10 *	1 120 000	1982
1983	104 AT 14:25 EST ON JUL 11	88.1 ON JUL 11	21.7 B ON APR 4	1 110 000	1983
1984	89.2 AT 14:08 EST ON JUN 11	85.8 ON JUN 12	19.5 B ON MAR 25	1 280 000	1984
1985	451 AT 17:34 EST ON JUL 14	448 ON JUL 13	21.8 B ON APR 5	5 450 000	1985
1986	---	---	---	---	1986
				1 930 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	874	312	---	1984
1985	226	208	197	226	2 680	1 500	1 140	557	644	1 530	845	518	870	1985
1986	474	392	298	---	---	---	---	---	---	---	---	393	---	1986
1987	241	171	131	558	3 540	2 280	808	606	322	833	805	281	882	1987
1988	187	148	127	1 720	2 850	1 880	2 130	2 780	1 740	1 920	1 200	585	1 430	1988
1989	447	357	287	884	4 130	2 870	2 090	1 410	1 480	1 530	918	507	1 400	1989
1970	353	277	203	212	2 950	1 670	1 220	854	---	---	---	---	---	1970
1971	---	---	275	858	3 600	1 870	713	853	---	---	---	---	---	1971
1972	---	316	272	287	2 580	1 110	733	827	852	1 170	723	315	---	1972
1973	264	183	150	784	2 670	1 270	2 110	1 310	778	880	365	245	908	1973
1974	233	205	188	209	3 450	4 170	2 170	1 380	1 220	1 510	855	370	1 330	1974
1975	286	284	248	490	2 940	2 380	1 400	1 150	832	887	1 190	284	1 030	1975
1976	231	179	128	1 780	2 560	1 220	897	374	302	388	270	143	890	1976
1977	115	107	118	1 840	2 370	1 010	1 800	886	1 630	1 080	707	231	887	1977
1978	184	157	138	207	3 800	2 380	831	822	1 080	861	451	229	858	1978
1979	182	151	154	920	2 810	1 850	842	817	1 430	1 280	1 080	428	882	1979
1980	333	236	157	751	3 220	841	334	328	387	1 010	738	307	724	1980
1981	192	148	215	847	2 090	1 280	884	198	114	121	131	91.6	505	1981
1982	81.4	77.6	78.3	145	3 880	1 820	1 280	808	935	1 380	790	388	981	1982
1983	235	198	184	380	3 010	1 800	1 480	887	802	1 580	1 100	529	950	1983
1984	264	184	142	1 870	2 730	2 380	1 320	840	400	523	485	324	938	1984
1985	238	195	188	1 480	3 880	1 810	1 520	1 850	1 470	2 830	2 050	932	1 510	1985
1986	417	224	152	974	2 800	1 070	880	344	287	858	577	281	722	1986
1987	178	133	119	680	922	808	824	948	787	933	892	395	810	1987
1988	230	136	113	995	2 890	1 410	988	884	1 300	1 480	1 270	882	1 020	1988
MEAN	284	201	177	785	2 920	1 730	1 210	919	853	1 140	818	373	984	MEAN

LOCATION - LAT 51 18 30 N
LONG 83 52 20 W

DRAINAGE AREA, 118 000 km²
REGULATED SINCE 1934

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	---	---	---	---	1984
1985	4 180 AT 09:00 EST ON MAY 11	4 180RB ON MAY 11	193 RB ON APR 8	27 400 000	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	3 780 AT 17:30 EST ON APR 30	4 810E ON MAY 25	122 RB ON MAR 23	27 800 000	1988
1989	5 230 AT 01:00 EST ON MAY 7 *	3 770 ON MAY 1	110 B ON MAR 30	45 100 000	1989
		5 810 ON MAY 7	283 B ON APR 9	44 100 000	
1970	4 730 AT 08:00 EST ON MAY 3	4 700 ON MAY 3	148 RB ON APR 17	---	1970
1971	5 320 AT 03:30 EST ON MAY 10	---	---	---	1971
1972	3 600 AT 20:30 EST ON MAY 15	3 570 ON MAY 15	---	---	1972
1973	3 620 AT 12:20 EST ON MAY 12	3 620 ON MAY 12	125 B ON MAR 3	28 800 000	1973
1974	---	5 950E ON MAY 25	171 B ON APR 17	42 000 000	1974
1975	---	4 790E ON MAY 7	215 B ON DEC 31	32 500 000	1975
1976	---	5 800B ON APR 24	113 B ON MAR 22	21 800 000	1976
1977	5 040 AT 17:00 EST ON APR 28	6 010 ON APR 25	105 B ON FEB 24	30 500 000	1977
1978	4 280 AT 05:00 EST ON MAY 17	4 220 ON MAY 17	123 B ON MAR 27	27 100 000	1978
1979	3 590 AT 18:54 EST ON MAY 14	3 570 ON MAY 14	139 B ON MAR 10	31 000 000	1979
1980	5 290 AT 23:24 EST ON MAY 2	5 270 ON MAY 2	130 B ON APR 3	32 800 000	1980
1981	3 050 AT 04:00 EST ON MAY 7	2 740 ON MAY 7	85.0E ON OCT 8	18 800 000	1981
1982	5 040 AT 14:58 EST ON MAY 8	5 000 ON MAY 8	74.0B ON MAR 12 *	30 300 000	1982
1983	---	3 470E ON MAY 28	157 B ON APR 7	30 000 000	1983
1984	4 280 AT 07:30 EST ON APR 30	4 280 ON APR 30	139 B ON MAR 20	28 800 000	1984
1985	---	7 400E ON APR 27 *	155 B ON APR 15	47 800 000	1985
1986	---	3 380B ON MAY 10	145 B ON MAR 16	23 800 000	1986
1987	---	1 400E ON APR 25	112 B ON MAR 18	19 200 000	1987
1988	---	4 080 ON MAY 5	110 B ON MAR 9	32 400 000	1988
				30 400 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.024	0.158	0.182	0.305	---	1965
1966	0.088	0.188	0.340	0.137	0.093	0.052	0.008	0.017	0.020	0.026	0.189	0.322	0.122	1966
1967	0.178	0.133	0.482	0.485	0.134	0.487	0.155	0.088	0.070	0.211	0.277	0.322	0.250	1967
1968	0.188	0.700	1.12	0.188	0.150	0.088	0.043	0.245	0.209	0.152	0.184	0.186	0.268	1968
1969	---	0.182	---	---	---	---	---	---	0.050	0.035	0.086	0.185	0.080	---	1969
1970	0.053	0.067	0.182	0.404	0.127	0.043	0.078	0.033	0.084	0.102	0.188	0.193	0.127	1970
1971	0.070	0.147	0.278	0.888	0.089	0.050	0.044	0.084	0.038	0.084	0.080	0.181	0.147	1971
1972	0.258	0.058	0.557	0.442	0.128	0.228	0.121	0.088	0.088	0.144	0.184	0.186	0.244	1972
1973	0.137	0.150	1.18	0.258	0.204	0.088	0.058	0.068	0.084	0.085	0.189	0.111	0.214	1973
1974	0.148	0.098	0.570	0.388	0.281	0.138	0.080	0.044	0.088	0.058	0.158	0.088	0.178	1974
1975	0.188	0.524	0.618	0.500	0.158	0.133	0.049	0.205	0.107	0.082	0.128	0.202	0.240	1975
1976	0.280	0.488	0.890	0.353	0.241	0.077	0.075	0.135	0.102	0.107	0.107	0.088	0.243	1976
1977	0.018	0.024	0.738	0.401	0.077	0.085	0.047	0.081	0.318	0.357	0.181	0.347	0.222	1977
1978	0.148	0.078	0.248	1.02	0.158	0.055	0.050	0.040	0.171	0.080	0.104	0.108	0.188	1978
1979	0.115	0.087	1.43	0.808	0.211	0.109	0.075	0.083	0.078	0.087	0.240	0.418	0.294	1979
1980	0.238	0.048	1.05	0.423	0.139	0.122	0.070	0.057	0.080	0.090	0.128	0.178	0.220	1980
1981	0.081	0.771	0.172	0.182	0.118	0.087	0.058	0.058	0.147	0.181	0.108	0.077	0.184	1981
1982	0.040	0.032	1.23	0.784	0.088	0.130	0.088	0.140	0.122	0.088	0.317	0.582	0.303	1982
1983	0.178	0.448	0.238	0.322	0.353	0.128	0.079	0.087	0.084	0.105	0.185	0.275	0.204	1983
1984	0.081	0.807	0.687	0.388	0.188	0.215	0.079	0.085	0.127	0.088	0.189	0.287	0.258	1984
1985	0.118	1.19	1.25	0.548	0.104	0.121	0.089	0.114	0.088	0.110	0.417	0.184	0.355	1985
1986	0.144	0.084	0.706	0.218	0.198	0.158	0.095	0.078	0.412	0.350	0.184	0.228	0.240	1986
1987	0.139	0.085	0.483	0.377	0.088	0.085	0.196	0.089	0.078	0.135	0.207	0.343	0.193	1987
1988	0.247	0.278	0.577	0.218	0.087	0.039	0.135	0.051	0.059	0.112	0.231	0.087	0.178	1988
MEAN	0.142	0.209	0.682	0.440	0.158	0.123	0.083	0.084	0.109	0.124	0.184	0.223	0.221	MEAN

LOCATION - LAT 43 22 19 N DRAINAGE AREA, 48.7 km²
LONG 80 33 06 W REGULATED

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	4.13 AT 08:00 EST ON DEC 7	2.89 ON DEC 7	0.003 ON JUL 12 *	3 650	1966
1967	7.08 AT 07:00 EST ON JUN 28	2.89 ON JUN 28	0.028 ON JUN 6	7 900	1967
1968	9.848 AT 15:00 EST ON MAR 18	7.08 ON FEB 2	0.023 ON JUL 30	8 000	1968
1969	---	---	---	---	1969
1970	2.80 AT 05:08 EST ON APR 3	1.07 ON APR 8	0.018 ON SEP 7	4 010	1970
1971	8.888 AT 07:30 EST ON APR 2	2.838 ON APR 2	0.010 ON JUL 12	4 630	1971
1972	5.88 AT 09:43 EST ON APR 13	4.78 ON APR 13	0.042 ON SEP 22	7 700	1972
1973	19.1 B AT 16:00 EST ON MAR 4	4.35 ON MAR 11	0.022 ON SEP 8	8 740	1973
1974	11.1 AT 01:08 EST ON MAR 5	4.73 ON MAR 5	0.021 ON AUG 20	5 570	1974
1975	14.0 AT 18:41 EST ON FEB 24	8.48 ON FEB 24	0.019 ON AUG 1	7 580	1975
1976	7.53 AT 19:45 EST ON MAR 5	3.84 ON MAR 20	0.045 ON JUN 21	7 880	1976
1977	13.2 B AT 03:45 EST ON MAR 13	6.978 ON MAR 13	0.0118 ON JAN 21	7 010	1977
1978	6.28 AT 15:02 EST ON APR 1	3.40 ON APR 1	0.025 ON SEP 8	5 920	1978
1979	21.2 B AT 17:05 EST ON MAR 4	10.0 B ON MAR 4	0.0318 ON FEB 19	8 280	1979
1980	22.0 AT 12:14 EST ON MAR 21 *	10.1 ON MAR 21	0.0288 ON MAR 13	5 980	1980
1981	---	5.898 ON FEB 20	0.026 ON AUG 2	5 180	1981
1982	17.4 AT 18:00 EST ON MAR 31	12.8 ON MAR 31 *	0.0248 ON FEB 7	8 580	1982
1983	8.50 AT 21:20 EST ON FEB 2	3.14 ON FEB 3	0.041 ON SEP 18	8 420	1983
1984	15.0 B AT 08:18 EST ON FEB 14	6.008 ON FEB 14	0.045 ON JUL 30	8 150	1984
1985	---	9.128 ON FEB 24	0.028 ON AUG 12	11 200	1985
1986	7.778 AT 14:30 EST ON MAR 19	5.058 ON MAR 19	0.044 ON SEP 6	7 570	1986
1987	8.68 AT 16:58 EST ON JUL 3	2.27 ON APR 5	0.028 ON AUG 24	8 080	1987
1988	---	2.77 ON MAR 29	0.025 ON JUL 10	5 840	1988
				6 980	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ANABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.84	5.97	5.68	25.8	87.6	23.8	16.8	16.2	13.7	14.4	19.2	13.0	19.4	1972
1973	10.8	16.2	34.4	55.2	31.3	29.6	23.6	16.8	11.1	8.36	8.93	13.8	22.0	1973
1974	10.9	11.4	16.5	47.5	49.9	20.7	13.1	9.38	7.16	4.25	15.9	11.4	18.2	1974
1975	8.43	6.68	7.29	27.6	38.5	13.4	4.24	1.97	2.32	5.80	8.03	14.8	11.8	1975
1976	12.7	8.85	22.4	82.5	31.8	14.2	12.5	3.98	3.70	3.42	3.68	6.85	15.4	1976
1977	5.33	4.99	16.0	52.9	26.6	8.13	3.88	4.76	8.14	14.5	17.6	17.5	14.9	1977
1978	10.6	7.42	8.26	24.6	38.4	13.3	5.84	4.33	4.81	10.1	10.8	7.85	12.0	1978
1979	8.06	7.33	16.8	52.3	41.2	14.1	5.58	4.84	5.15	8.02	30.4	20.7	17.0	1979
1980	13.3	8.29	12.2	56.8	28.0	18.1	20.3	17.8	22.6	30.0	25.5	17.4	22.6	1980
1981	11.3	16.1	23.6	54.8	29.7	22.8	12.6	7.94	15.0	23.7	18.0	13.6	20.7	1981
1982	10.1	7.00	7.48	41.0	30.8	8.44	6.61	3.10	3.84	5.61	14.2	27.8	14.0	1982
1983	24.3	12.3	16.7	30.7	50.0	22.8	8.07	3.38	4.51	11.5	18.4	16.2	18.1	1983
1984	10.3	15.2	16.4	48.1	31.9	26.9	17.9	9.10	7.15	8.99	22.3	19.7	19.4	1984
1985	20.0	11.2	13.6	57.9	41.1	10.8	12.3	8.06	8.87	7.84	12.1	13.7	18.2	1985
1986	11.2	8.48	14.7	52.8	28.4	17.8	8.57	4.28	3.48	5.08	5.33	8.48	13.8	1986
1987	5.08	5.18	11.2	29.8	12.8	10.4	5.38	4.40	3.89	4.33	8.09	10.8	9.05	1987
1988	8.78	10.8	9.47	47.8	23.4	8.78	5.48	13.8	10.4	17.1	27.1	16.2	18.8	1988
MEAN	11.0	9.59	14.7	45.3	35.4	16.7	10.7	8.18	8.02	10.7	15.0	14.4	18.8	MEAN

LOCATION - LAT 46 18 00 N DRAINAGE AREA, 1 130 km²
LONG 78 52 45 W REGULATED

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	116 AT 15:42 EST ON MAY 9	114 ON MAY 9	5.488 ON MAR 13	813 000	1972
1973	97.1 AT 22:31 EST ON JUN 27	88.9 ON JUN 28	8.41 ON OCT 12	883 000	1973
1974	81.3 AT 23:00 EST ON APR 23	81.0 ON APR 24	2.58 ON OCT 9	573 000	1974
1975	73.3 AT 13:42 EST ON MAY 3	72.8 ON MAY 3	1.48 ON SEP 5 *	388 000	1975
1976	84.8 AT 07:48 EST ON APR 2	82.9 ON APR 2	2.17 ON AUG 30	488 000	1976
1977	81.2 AT 05:54 EST ON APR 16	80.9 ON APR 16	2.83E ON JUL 21	471 000	1977
1978	80.9 AT 04:53 EST ON APR 29	80.3 ON APR 29	2.85 ON AUG 14	377 000	1978
1979	83.8 AT 05:28 EST ON APR 28	81.8 ON APR 28	3.48 ON OCT 4	537 000	1979
1980	91.6 AT 12:54 EST ON APR 10	88.7 ON APR 10	7.20B ON MAR 15	714 000	1980
1981	87.1 AT 16:26 EST ON APR 5	83.8 ON APR 5	5.13 ON AUG 28	853 000	1981
1982	76.7 AT 23:06 EST ON APR 15	72.8 ON APR 15	2.88 ON AUG 18	440 000	1982
1983	91.3 AT 13:08 EST ON MAY 6	88.1 ON MAY 6	2.83 ON AUG 15	571 000	1983
1984	91.1 AT 05:07 EST ON APR 21	90.3 ON APR 21	5.08 ON OCT 19	812 000	1984
1985	138 AT 18:08 EST ON APR 24 *	128 ON APR 24 *	4.90 ON AUG 18	874 000	1985
1986	87.5 AT 10:.3 EST ON APR 2	86.4 ON APR 2	2.85 ON SEP 3	434 000	1986
1987	67.0 AT 04:58 EST ON MAR 31	65.0 ON MAR 31	3.09 ON SEP 27	285 000	1987
1988	---	84.1 ON APR 11	3.10E ON JUL 18	522 000	1988
				525 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	---	---	0.090	0.084	0.090	0.139	---	1986
1987	0.086	0.073	0.145	0.184	0.068	0.076	0.075	0.102	0.070	0.089	0.087	0.105	0.098	1987
1988	0.078	0.101	0.111	0.072	0.048	0.024	0.043	0.052	0.080	0.088	0.074	0.087	0.085	1988
MEAN	0.081	0.087	0.129	0.128	0.058	0.050	0.059	0.077	0.073	0.070	0.084	0.100	0.080	MEAN

LOCATION - LAT 43 13 52 N, LONG 79 58 24 W
DRAINAGE AREA, 9.14 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED AUG 7 1986

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	---	---	---	1986
1987	3.31 AT 11:58 EST ON AUG 9 *	1.07 ON APR 5 *	0.033 ON JUN 19	3 000	1987
1988	---	0.331 ON SEP 4	0.014 ON JUL 5 *	2 070	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 540	MEAN

ARMSTRONG CREEK AT MARKDALE - STATION NO. 02FC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	0.177	0.183	---	---	---	---	1920
MEAN	---	---	---	---	---	---	---	0.177	0.183	---	---	---	---	MEAN

LOCATION - LAT 44 18 43 N, LONG 80 39 26 W
DRAINAGE AREA, 9.32 km^2
NATURAL FLOW

ASHUWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	13.7	---	1967
1968	9.01	8.37	6.88	6.92	33.5	25.9	44.8	56.5	53.5	88.8	48.8	18.2	30.3	1968
1969	10.9	8.61	7.87	14.1	48.5	42.5	57.2	29.3	88.3	138	42.9	20.2	40.9	1969
1970	12.5	9.00	8.98	8.00	78.5	58.5	88.0	26.8	45.1	78.5	51.7	20.8	40.8	1970
1971	13.7	11.6	10.3	19.9	140	39.5	26.2	36.7	25.0	80.0	61.1	34.3	42.0	1971
1972	16.3	10.2	8.28	8.11	88.5	68.4	31.6	37.3	31.8	78.3	34.3	19.5	35.8	1972
1973	10.8	8.77	7.37	8.80	33.0	58.2	93.5	32.5	21.5	30.9	39.0	28.2	27.5	1973
1974	15.0	9.38	8.98	8.52	44.4	189	88.4	32.8	48.8	38.8	21.0	19.2	40.9	1974
1975	12.4	8.81	7.91	7.98	77.8	58.8	48.7	101	43.2	28.1	38.7	19.2	38.5	1975
1976	9.85	7.89	6.85	15.2	81.7	89.8	31.4	28.1	14.7	11.8	10.4	8.41	33.9	1976
1977	7.34	6.75	6.30	18.1	51.2	---	---	---	---	---	---	---	---	1977
MEAN	12.0	8.88	7.13	10.5	67.0	88.2	53.8	41.2	38.8	68.4	38.8	19.0	35.4	MEAN

LOCATION - LAT 53 31 40 N, LONG 88 17 40 W
DRAINAGE AREA, 3 240 km^2
NATURAL FLOW

ASHEWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	97.4 ON OCT 25	3.57 ON APR 3 *	959 000	1968
1969	187 AT 17:00 EST ON OCT 1	187 ON OCT 2	7.788 ON MAR 18	1 280 000	1969
1970	138 AT 18:50 EST ON JUL 8	137 ON JUL 9	4.90 ON APR 21	1 280 000	1970
1971	200 AT 14:39 EST ON MAY 16 *	199 ON MAY 15	9.498 ON APR 7	1 320 000	1971
1972	123 AT 17:16 EST ON MAY 22	121 ON MAY 22	4.458 ON APR 12	1 130 000	1972
1973	---	84.3E ON JUN 2	5.80E ON APR 16	867 000	1973
1974	---	212 E ON JUN 23 *	6.008 ON APR 11	1 280 000	1974
1975	128 AT 00:14 EST ON AUG 15	127 ON AUG 16	8.348 ON APR 16	1 150 000	1975
1976	118 AT 16:20 EST ON MAY 20	117 ON MAY 21	5.728 ON APR 8	765 000	1976
1977	88.0 AT 15:30 EST ON MAY 7	87.1 ON MAY 4	---	---	1977
				1 120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	31.4	24.4	18.7	13.4	20.4	275	108	53.9	33.5	22.7	22.6	35.9	54.6	1967
1968	30.0	22.0	15.8	12.9	35.9	71.2	78.7	107	128	118	175	53.5	71.3	1968
1969	33.7	24.8	20.8	18.2	84.3	143	122	95.7	122	328	145	68.7	101	1969
1970	41.8	28.7	21.8	18.4	100	188	184	95.5	82.7	188	153	88.8	97.9	1970
1971	56.8	43.5	36.0	30.8	251	198	71.5	123	81.8	124	179	87.4	108	1971
1972	43.5	34.7	16.9	15.4	94.8	215	115	86.1	74.5	220	121	59.8	90.8	1972
1973	33.0	20.8	15.2	13.9	105	270	234	98.5	87.9	81.9	88.2	74.7	88.9	1973
1974	44.8	29.8	21.2	16.7	28.9	302	241	70.9	110	89.7	86.8	48.1	90.0	1974
1975	35.0	25.9	18.3	15.2	70.5	175	135	210	183	76.8	84.4	38.7	85.4	1975
1976	28.6	21.7	18.4	20.1	123	161	124	81.0	81.1	40.5	30.5	23.7	62.6	1976
1977	19.3	16.5	14.5	25.0	73.5	93.9	39.3	25.2	48.5	58.4	57.7	42.4	43.1	1977
1978	31.1	25.1	22.2	24.5	214	198	167	130	103	83.9	85.9	48.1	83.3	1978
1979	34.8	24.8	19.1	30.7	104	115	83.5	88.5	87.0	82.9	78.9	61.8	66.3	1979
1980	43.0	29.5	25.0	67.4	205	100	78.7	60.5	66.5	192	105	57.4	85.0	1980
1981	40.1	31.8	24.0	18.7	70.9	180	109	43.7	36.5	58.8	108	63.3	70.5	1981
1982	55.8	36.2	26.0	19.9	175	247	208	125	117	113	114	58.8	108	1982
1983	45.2	30.4	21.2	15.9	38.1	122	78.6	50.0	36.8	71.8	88.7	73.5	56.3	1983
1984	62.1	42.7	26.2	23.8	168	115	90.8	47.5	29.8	38.8	54.8	80.6	62.8	1984
1985	48.8	33.8	23.5	20.2	361	379	278	120	96.7	97.4	74.1	52.7	133	1985
1986	37.8	26.2	21.8	20.8	234	157	59.7	48.3	105	140	92.3	60.1	84.1	1986
1987	42.8	29.3	19.7	21.7	135	98.8	87.2	46.9	86.0	93.8	82.9	53.8	85.0	1987
1988	33.8	23.4	16.8	17.2	71.3	150	84.1	48.9	46.2	81.1	70.1	48.4	57.8	1988
MEAN	39.7	28.1	21.1	21.8	128	180	124	84.8	80.7	110	92.7	59.1	80.8	MEAN

LOCATION - LAT 53 43 00 N
LONG 87 58 40 W
DRAINAGE AREA, 7 950 km^2
NATURAL FLOW

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	382 ON JUN 14	12.2 ON MAY 12	1 730 000	1967
1968	---	216 ON NOV 5	10.6 ON APR 11 *	2 250 000	1968
1969	374 AT 15:00 EST ON OCT 11	371 ON OCT 11	16.7 ON APR 19	3 180 000	1969
1970	278 AT 22:05 EST ON JUN 3	277 ON JUN 4	18.08 ON APR 12	3 080 000	1970
1971	450 AT 15:41 EST ON MAY 25	447 ON MAY 24	29.28 ON APR 21	3 410 000	1971
1972	285 AT 12:25 EST ON OCT 19	280 ON OCT 15	14.38 ON APR 15	2 870 000	1972
1973	382 AT 21:40 EST ON JUN 2	382 ON JUN 2	13.48 ON APR 17	2 840 000	1973
1974	430 AT 03:12 EST ON JUN 27	428 ON JUN 28	16.7 ON MAY 4	2 840 000	1974
1975	288 AT 09:52 EST ON AUG 27	287 ON AUG 27	14.38 ON APR 20	2 730 000	1975
1976	---	238E ON MAY 27	18.18 ON APR 13	1 880 000	1976
1977	---	131E ON MAY 31	13.88 ON MAR 27	1 380 000	1977
1978	---	284E ON MAY 15	21.18 ON APR 12	2 840 000	1978
1979	184 AT 14:00 EST ON JUN 3	143 ON JUN 5	17.58 ON APR 8	2 090 000	1979
1980	---	252E ON MAY 7	24.08 ON MAR 13	2 720 000	1980
1981	194 AT 17:48 EST ON JUN 4	191 ON JUN 7	17.88 ON APR 22	2 230 000	1981
1982	335 AT 14:50 EST ON MAY 25	331 ON MAY 25	18.2 ON APR 27	3 450 000	1982
1983	145 AT 08:01 EST ON JUN 8	145 ON JUN 8	15.08 ON APR 24	1 780 000	1983
1984	210 AT 17:08 EST ON MAY 15	208 ON MAY 15	19.4 ON APR 18	1 980 000	1984
1985	584 AT 15:56 EST ON MAY 21 *	558 ON MAY 21 *	17.1 ON APR 21	4 190 000	1985
1986	355 AT 15:00 EST ON MAY 23	351 ON MAY 23	17.58 ON APR 13	2 850 000	1986
1987	176 AT 13:30 EST ON MAY 17	174 ON MAY 17	17.08 ON APR 5	2 050 000	1987
1988	---	167 ON JUN 10	17.0E ON APR 8	1 830 000	1988
				2 550 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	3.51	3.40	3.69	---	---	---	---	3.34	3.00	2.98	3.11	3.05	---	1979
1980	2.98	---	2.97	3.71	3.21	2.98	3.07	2.80	4.06	3.89	3.82	3.89	---	1980
1981	---	---	---	---	5.61	4.91	2.84	1.60	0.838	1.24	0.978	0.818	---	1981
1982	---	---	1.22	---	---	---	---	5.47	2.32	4.78	---	6.26	---	1982
1983	4.40	2.78	2.32	3.08	3.28	---	---	---	2.59	3.32	2.45	1.98	---	1983
1984	1.73	1.58	1.46	5.13	5.19	5.05	3.67	2.49	1.89	1.45	1.80	1.52	2.71	1984
1985	1.62	1.35	1.46	4.04	6.60	8.79	7.13	5.13	5.84	9.89	5.42	3.00	4.82	1985
1986	2.28	1.81	1.65	5.46	10.1	5.52	3.82	2.16	1.75	1.79	1.56 R	1.56 R	3.30R	1986
1987	1.53	1.40	1.38	1.34	1.23	0.960	0.815	2.47	1.89	1.49	1.40	1.33	1.44	1987
1988	0.986	0.930	1.19	2.75	2.75	1.67	1.31	6.86	8.86	4.37	3.16	3.28	3.15	1988
MEAN	2.38	1.88	1.92	3.84	4.75	3.98	3.27	3.57	3.24	3.45	2.89 R	2.87 R	3.08R	MEAN

LOCATION - LAT 48 45 07 N
LONG 91 35 02 W
DRAINAGE AREA, 332 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	2.53 ON OCT 19	---	1979
1980	7.70 AT 17:00 CST ON SEP 13	5.74 ON SEP 14	2.48 ON JUN 27	---	1980
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	9.24 ON APR 13	1.22 ON OCT 15	85 800	1984
1985	---	15.1 ON JUN 26	1.34 B ON FEB 15	152 000	1985
1986	15.1 AT 05:44 CST ON MAY 5	14.6 ON MAY 5	1.41 B ON NOV 15	104 000R	1986
1987	4.27 AT 15:21 CST ON AUG 17	4.18 ON AUG 17	0.470 ON JUL 6 *	45 200	1987
1988	16.4 AT 00:00 CST ON AUG 15 *	15.7 ON AUG 15 *	0.8228 ON FEB 28	99 800	1988
				97 300R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	404	220	---	1965
1966	127	84.2	82.2	80.5	891	1 180	721	250	188	185	174	117	318	1966
1967	76.1	64.3	49.7	85.2	457	892	282	221	115	82.2	121	107	210	1967
1968	81.8	67.2	64.2	76.9	486	878	595	457	418	396	514	178	333	1968
1969	112	97.0	82.4	105	896	728	915	348	388	664	358	188	392	1969
1970	118	85.0	84.8	87.4	482	502	389	413	480	664	405	178	315	1970
1971	108	75.8	68.6	76.4	827	488	248	540	188	332	457	275	315	1971
1972	151	83.4	67.2	71.7	540	485	294	386	208	418	306	178	284	1972
1973	111	77.8	61.0	64.6	553	398	397	262	272	255	251	172	242	1973
1974	110	77.7	62.8	58.0	476	1 340	527	310	680	377	230	146	388	1974
1975	87.9	72.4	58.3	59.6	580	508	420	604	288	180	175	114	287	1975
1976	78.3	63.0	53.3	86.8	261	270	213	138	127	180	117	77.6	138	1976
1977	84.6	61.3	34.8	75.7	245	312	383	291	378	278	182	139	202	1977
1978	110	83.7	68.4	63.6	581	584	313	344	487	335	282	188	284	1978
1979	97.8	70.4	53.4	81.8	580	476	384	426	881	607	474	238	337	1979
1980	148	98.0	80.6	88.7	418	193	124	108	134	348	244	127	175	1980
1981	78.4	68.7	45.8	67.4	451	353	188	92.8	---	---	---	---	---	1981
1982	81.0	58.2	47.5	83.5	980	740	385	217	284	338	293	148	302	1982
1983	80.4	67.8	58.4	55.4	214	261	483	222	118	123	133	108	182	1983
1984	97.0	81.2	83.0	242	581	423	248	142	82.2	101	177	143	189	1984
1985	102	78.8	82.5	84.4	1 170	750	577	284	388	618	382	180	388	1985
1986	110	78.8	84.8	102	783	341	218	149	100	185	180	108	200	1986
1987	80.7	65.2	52.0	88.8	413	247	188	197	280	194	180	98.8	172	1987
1988	87.5	51.4	41.3	45.3	172	255	210	152	248	381	238	139	167	1988
MEAN	98.4	72.4	66.8	79.8	550	536	378	284	295	322	272	154	281	MEAN

LOCATION - LAT 52 05 15 N
LONG 87 04 42 W
DRAINAGE AREA, 24 200 km²
NATURAL FLOW

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	---	1 280E ON MAY 26	52.8RB ON APR 9	10 000 000	1986
1987	---	1 150E ON JUN 7	49.3B ON MAR 4	8 630 000	1987
1988	753 AT 12:00 EST ON NOV 3	753 ON NOV 3	39.8B ON APR 4	10 500 000	1988
1989	1 120 AT 13:00 EST ON JUL 6	1 120 ON JUL 7	73.8B ON APR 4	12 400 000	1989
1970	738 AT 13:36 EST ON OCT 5	733 ON OCT 3	54.1B ON APR 15	8 940 000	1970
1971	1 240 AT 07:42 EST ON MAY 21	1 240 ON MAY 21	49.3B ON APR 15	9 920 000	1971
1972	844 AT 20:48 EST ON MAY 26	844 ON MAY 26	58.3B ON APR 9	8 380 000	1972
1973	---	838E ON MAY 22	53.5B ON APR 15	7 810 000	1973
1974	1 440 AT 04:06 EST ON JUN 11 *	1 440 ON JUN 10	56.8B ON APR 14	11 500 000	1974
1975	---	827E ON MAY 18	51.0B ON APR 22	8 400 000	1975
1976	---	343 ON JUN 6	49.0B ON APR 9	4 370 000	1976
1977	---	453 ON SEP 21	32.8B ON MAR 26 *	5 380 000	1977
1978	---	807E ON MAY 19	44.2B ON APR 14	8 980 000	1978
1979	847 AT 14:45 EST ON MAY 26	843 ON MAY 27	45.8B ON APR 13	10 800 000	1979
1980	541 AT 14:18 EST ON MAY 14	539 ON MAY 14	45.9B ON APR 7	5 550 000	1980
1981	---	885E ON MAY 24	42.1B ON APR 4	---	1981
1982	---	1 170E ON MAY 23	40.8B ON APR 7	9 530 000	1982
1983	823 AT 15:16 EST ON JUL 18	820 ON JUL 18	51.8B ON APR 14	5 100 000	1983
1984	---	732E ON MAY 3	57.8B ON MAR 31	8 290 000	1984
1985	---	1 720E ON MAY 15 *	50.3B ON APR 16	12 200 000	1985
1986	823 AT 16:37 EST ON MAY 20	815 ON MAY 20	52.2B ON MAR 23	8 320 000	1986
1987	489 AT 22:56 EST ON MAY 8	487 ON MAY 9	48.3B ON APR 3	5 440 000	1987
1988	---	440 ON OCT 4	38.4B ON APR 1	5 280 000	1988
				8 240 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	81.5	88.6	82.9	105	787	842	753	618	490	848	812	335	488	1968
1969	198	121	78.7	84.8	1 080	961	1 230	602	637	988	670	248	549	1969
1970	180	115	84.0	88.3	712	742	448	507	611	1 030	588	338	488	1970
1971	188	118	78.4	114	1 810	857	382	804	274	748	498	215	493	1971
1972	135	88.9	80.2	88.3	728	837	323	452	290	648	438	230	345	1972
1973	124	88.1	78.8	82.7	1 000	884	887	188	199	303	252	172	320	1973
1974	118	87.3	70.3	85.8	848	1 770	857	347	855	542	288	193	470	1974
1975	149	122	104	101	845	782	713	1 100	475	300	280	122	409	1975
1976	77.2	60.3	54.0	231	1 510	484	238	141	88.8	104	78.1	52.7	282	1976
1977	58.6	48.7	44.5	328	895	450	508	274	834	390	218	143	328	1977
1978	104	80.1	84.0	85.5	815	849	397	578	775	447	335	181	382	1978
1979	114	84.2	88.0	101	712	884	447	817	835	871	633	268	429	1979
1980	147	82.9	73.4	190	838	332	188	148	188	544	348	148	271	1980
1981	85.4	84.0	88.1	87.1	738	578	305	118	78.7	118	234	134	215	1981
1982	87.2	88.2	45.4	51.8	884	848	488	308	803	884	429	200	383	1982
1983	118	82.4	88.1	85.8	321	428	704	282	144	211	211	180	235	1983
1984	114	80.1	88.4	203	764	881	400	218	114	131	154	137	255	1984
1985	114	88.0	88.7	87.3	1 440	1 130	788	438	553	888	800	283	542	1985
1986	144	88.4	85.8	148	1 080	487	271	185	118	238	257	158	270	1986
1987	87.1	88.1	81.4	180	884	325	278	358	486	305	238	148	280	1987
1988	91.7	87.8	88.1	138	804	357	253	172	340	862	388	250	281	1988
MEAN	118	84.8	88.8	120	874	704	488	398	423	488	388	198	383	MEAN

LOCATION - LAT 53 05 30 N DRAINAGE AREA, 38 000 km^2
LONG 85 00 30 W NATURAL FLOW

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	1 270 ON OCT 28	82.3B ON MAR 20	14 800 000	1968
1969	2 080 AT 01:00 EST ON MAY 11 *	1 950 ON MAY 11	49.0B ON APR 13	17 300 000	1969
1970	---	1 280E ON OCT 6	80.3B ON APR 22	14 700 000	1970
1971	---	3 110B ON MAY 10 *	83.4B ON APR 10	15 800 000	1971
1972	1 180 AT 04:30 EST ON MAY 24	1 180 ON MAY 24	84.6B ON APR 22	10 800 000	1972
1973	1 800 AT 01:00 EST ON MAY 23	1 580 ON MAY 23	73.3B ON APR 11	10 100 000	1973
1974	---	1 870E ON JUN 10	85.1B ON APR 7	14 800 000	1974
1975	1 360 AT 13:58 EST ON AUG 13	1 350 ON AUG 12	83.4B ON DEC 31	12 800 000	1975
1976	---	2 510B ON MAY 15	43.9B ON DEC 31	8 270 000	1976
1977	---	1 010B ON APR 29	43.3B ON MAR 26 *	10 300 000	1977
1978	---	1 420E ON MAY 20	83.4B ON APR 25	12 400 000	1978
1979	---	1 080E ON MAY 27	89.7B ON APR 10	13 500 000	1979
1980	---	1 100E ON MAY 11	88.0B ON MAR 31	8 580 000	1980
1981	---	1 070E ON MAY 18	82.5B ON APR 8	8 780 000	1981
1982	---	1 800E ON MAY 11	44.7B ON MAR 18	12 400 000	1982
1983	---	850E ON JUL 19	81.5B ON APR 5	7 400 000	1983
1984	884 AT 02:01 EST ON MAY 8	889 ON MAY 8	46.0B ON APR 8	8 080 000	1984
1985	2 020 AT 15:30 EST ON MAY 17	2 010 ON MAY 16	80.0B ON APR 4	17 100 000	1985
1986	1 310 AT 18:00 EST ON MAY 15	1 310 ON MAY 15	82.2B ON MAR 25	8 630 000	1986
1987	884 AT 04:00 EST ON MAY 16	857 ON SEP 4	59.5B ON MAR 18	8 200 000	1987
1988	---	7608 ON MAY 4	44.3B ON MAR 27	8 260 000	1988
				11 500 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	15.8	12.4	7.58	---	1980
1981	5.34	5.10	5.82	72.7	33.0	27.5	18.7	3.93	3.06	8.17	8.00	6.26	16.3	1981
1982	5.24	4.04	5.09	24.2	80.6	12.9	8.36	3.11	5.44	25.2	25.5	21.6	16.6	1982
1983	17.2	8.35	13.1	41.5	98.8	83.9	9.13	8.07	7.15	21.2	15.1	11.6	26.3	1983
1984	7.80	7.94	7.37	80.7	32.4	16.8	25.6	9.73	7.63	15.2	32.8	23.3	19.7	1984
1985	11.8	8.73	7.65	86.5	70.6	25.8	8.44	3.84	4.14	9.08	17.1	11.3	20.3	1985
1986	6.03	4.69	6.17	53.7	31.7	19.0	29.0	23.5	19.0	30.2	16.8	10.4	20.8	1986
1987	7.07	5.23	5.40	26.6	17.6	13.9	5.21	2.84	1.65	4.64	6.48	8.05	8.87	1987
1988	6.36	4.75	4.02	85.3	44.2	10.7	3.88	11.2	10.4	21.6	60.0	27.6	22.5	1988
MEAN	8.35	5.85	6.83	50.4	48.8	23.8	13.0	8.03	7.43	16.6	21.7	14.2	19.0	MEAN

LOCATION - LAT 46 58 07 N
LONG 83 25 00 W
DRAINAGE AREA, 1 440 km²
NATURAL FLOW

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	123 AT 23:01 EST ON APR 5	119 ON APR 5	2.70 ON SEP 25	516 000	1981
1982	118 AT 06:21 EST ON MAY 3	118 ON MAY 3	2.84 ON AUG 21	529 000	1982
1983	243 AT 14:54 EST ON MAY 31	232 ON MAY 31	3.08 ON SEP 5	829 000	1983
1984	104 AT 15:08 EST ON APR 17	103 ON APR 17	4.49 ON SEP 23	623 000	1984
1985	261 AT 06:30 EST ON APR 25 *	257 ON APR 25 *	2.83 ON SEP 2	639 000	1985
1986	100 AT 13:42 EST ON APR 21	99.0 ON APR 21	3.708 ON MAR 6	880 000	1986
1987	45.2 AT 09:39 EST ON APR 17	45.0 ON APR 17	1.37 ON SEP 27 *	280 000	1987
1988	---	117 B ON APR 8	2.46 ON AUG 1	710 000	1988
				598 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	7.70	14.9	---	1915
1916	53.7	10.5	27.6	28.3	28.2	11.9	1.20	0.946	0.880	1.08	1.04	2.03	14.1	1916
1917	3.19	2.01	37.9	21.8	18.0	11.4	17.8	1.84	0.884	---	---	---	---	1917
MEAN	28.4	8.26	32.8	25.1	23.8	11.7	9.55	1.24	0.782	1.08	4.37	8.47	14.1	MEAN

LOCATION - LAT 43 04 40 N
LONG 81 47 46 W
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	225 ON MAR 29 *	0.838 ON SEP 1 *	445 000	1916
1917	---	105 ON MAR 24	---	---	1917
				445 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.543	0.132	2.27	2.62	---	1984
1985	1.45	5.56	8.76	3.59	0.398	0.225	0.244	0.184	0.747	1.30	3.80	1.46	2.27	1985
1986	2.45	0.895	5.74	1.25	0.788	0.766	0.310	0.377	5.54	4.21	1.03	1.89	2.21	1986
1987	0.830	0.236	4.12	2.16	0.267	0.052	0.058	0.020	0.029	0.180	2.54	3.84	1.22	1987
1988	1.01	1.12	4.74	1.16	0.526	0.081	0.009	0.015	0.023	1.08	2.86	2.27	1.25	1988
MEAN	1.48	1.95	5.09	2.05	0.487	0.278	0.155	0.144	1.38	1.38	2.48	2.50	1.74	MEAN

LOCATION - LAT 43 21 43 N
LONG 81 30 37 W
DRAINAGE AREA, 113 km²
REGULATED

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	34.0B ON FEB 24 *	0.008 ON JUN 5	71 500	1985
1986	36.0 AT 16:55 EST ON SEP 11 *	31.6 ON SEP 11	0.017 ON JUN 5	59 700	1986
1987	21.7 AT 07:55 EST ON NOV 28	18.1 ON NOV 28	0.004 ON JUL 27	38 500	1987
1988	---	18.4 ON MAR 25	0 ON JUL 5 *	38 400	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		54 600	MEAN

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	15.2	8.22	7.84	---	1945
1946	---	---	34.1	1.80	1.15	1.47	0.331	0.311	0.178	0.256	0.383	1.78	---	1946
1947	---	---	---	53.0	10.3	22.8	5.17	1.84	3.80	1.05	1.82	14.0	---	1947
1948	2.84	12.7	54.4	8.10	13.8	1.15	1.05	0.641	0.138	0.428	3.42	1.57	8.48	1948
1949	15.4	22.5	21.0	5.18	1.48	0.577	0.500	0.153	0.348	5.95	4.31	38.7	9.74	1949
1950	24.5	8.44	48.1	28.0	1.88	1.05	1.11	2.50	0.741	1.87	22.2	38.4	15.1	1950
1951	32.6	38.5	26.1	20.5	2.81	1.89	1.00	0.345	0.319	0.529	7.55	6.81	11.4	1951
1952	27.2	16.1	22.9	14.9	11.2	1.43	0.568	0.337	0.198	0.187	0.468	1.81	8.43	1952
1953	5.51	4.71	21.4	7.08	8.01	11.2	1.21	1.02	0.507	0.314	0.424	1.11	5.21	1953
1954	2.48	47.7	40.7	20.2	4.15	1.11	0.368	0.273	0.401	27.1	13.3	15.9	14.3	1954
1955	15.6	7.38	37.5	10.2	2.12	0.543	0.188	0.183	0.208	0.733	3.89	5.24	7.10	1955
1956	4.22	8.44	48.0	18.8	32.5	2.38	1.58	5.75	5.20	1.38	1.58	15.8	12.1	1956
1957	10.3	15.4	15.7	12.1	8.80	1.99	2.03	0.498	1.48	1.53	10.8	36.0	9.71	1957
1958	5.72	4.51	23.0	4.63	0.882	0.525	0.918	0.303	0.881	0.425	2.50	1.48	3.81	1958
1959	1.73	10.8	41.8	25.2	7.89	2.12	0.818	0.568	1.07	8.43	21.3	26.8	12.4	1959
1960	13.4	11.7	17.8	48.1	15.5	13.4	1.11	0.330	0.233	0.322	0.538	0.887	10.3	1960
1961	0.245	18.1	12.6	12.7	5.48	1.13	4.43	4.20	0.648	0.415	3.26	4.36	5.88	1961
1962	1.42	3.77	26.4	7.78	2.82	1.03	0.365	0.803	0.303	2.94	15.6	7.50	5.91	1962
1963	2.06	1.07	42.3	8.88	9.17	1.12	0.415	0.256	0.207	0.188	0.403	0.420	5.61	1963
1964	12.0	8.41	19.3	11.0	2.82	0.883	0.389	8.41	1.48	1.33	0.917	9.54	5.36	1964
1965	8.88	25.2	20.5	26.2	2.87	0.685	0.434	0.308	0.288	1.81	8.87	28.9	10.3	1965
1966	5.97	17.1	20.8	13.1	5.04	5.71	0.570	1.06	0.681	0.886	14.5	33.8	10.0	1966
1967	17.4	8.89	34.2	28.0	8.80	10.8	3.08	4.91	1.31	16.8	24.8	23.6	15.2	1967
1968	11.0	38.6	28.1	8.85	3.73	4.02	1.38	0.639	0.852	3.14	10.4	15.2	10.4	1968
1969	23.0	17.3	23.8	22.2	13.0	2.82	1.78	0.686	0.307	0.449	4.80	5.64	9.81	1969
1970	2.42	5.80	27.1	24.7	8.88	1.59	1.30	1.01	0.858	1.07	5.23	18.1	8.01	1970
1971	4.06	15.0	38.8	18.8	2.58	0.880	0.383	0.881	1.06	0.474	0.573	7.85	7.81	1971
1972	8.84	1.94	28.2	33.2	4.88	0.941	1.18	0.338	0.272	3.08	9.51	24.7	8.71	1972
1973	34.3	7.88	45.0	10.3	8.53	2.78	0.838	0.667	0.274	0.407	10.8	12.7	11.3	1973
1974	23.2	13.0	39.9	17.8	23.9	2.85	1.02	0.313	0.238	0.328	3.60	3.31	9.88	1974
1975	18.5	16.2	29.1	31.8	4.08	4.58	0.598	0.872	1.75	0.805	1.78	8.89	9.84	1975
1976	5.89	80.2	48.7	18.7	12.2	1.58	10.6	5.85	4.00	2.86	12.7	4.48	14.8	1976
1977	1.81	2.31	64.8	13.2	2.38	1.71	1.28	0.527	5.53	7.47	12.1	33.2	12.3	1977
1978	4.88	2.88	24.8	52.7	8.48	1.88	0.458	0.328	1.51	4.02	2.10	5.73	8.88	1978
1979	8.35	2.11	44.8	37.1	4.80	1.08	1.47	0.700	0.383	1.28	17.1	18.7	11.8	1979
1980	5.86	2.22	31.4	20.8	8.07	3.77	1.81	0.884	0.840	8.18	2.43	8.08	7.62	1980
1981	1.34	48.2	13.8	11.8	8.11	2.88	0.788	1.11	18.8	21.7	11.8	6.48	11.8	1981
1982	7.73	2.10	80.8	27.4	4.01	8.00	1.05	1.35	2.23	3.36	20.0	37.8	13.7	1982
1983	11.8	18.8	7.70	14.4	17.8	7.03	1.15	3.01	1.85	1.23	8.88	17.8	8.81	1983
1984	1.82	43.2	21.2	12.1	8.81	10.8	2.01	0.809	8.85	1.11	14.8	18.4	11.8	1984
1985	12.8	47.8	85.8	24.0	2.04	2.88	1.32	1.18	8.48	8.78	34.7	13.0	17.4	1985
1986	21.8	8.40	42.8	11.8	5.32	8.24	2.58	1.87	38.0	33.2	8.70	18.8	18.1	1986
1987	7.48	2.03	31.8	17.7	1.88	1.74	0.835	1.12	0.814	2.80	18.1	38.8	10.3	1987
1988	4.88	8.20	28.0	8.08	3.27	0.882	0.441	0.241	0.388	10.7	24.1	13.2	8.84	1988
MEAN	10.8	15.8	32.1	18.0	7.35	3.88	1.43	1.38	2.88	4.88	8.11	14.8	10.1	MEAN

LOCATION - LAT 43 04 20 N LONG 81 38 35 W

DRAINAGE AREA, 865 km^2
NATURAL FLOW

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1945	---		---		---		---	1945
1946	---		121	ON MAR 8	0.085	ON AUG 17	---	1946
1947	---		351	ON APR 5 *	0.568	ON OCT 28	---	1947
1948	242	AT 12:00 EST ON MAR 18	218	ON MAR 20	0.028	ON OCT 11 *	269 000	1948
1949	---		140	ON DEC 22	0.085	ON AUG 23	307 000	1949
1950	---		227	ON APR 6	0.170	ON AUG 22	475 000	1950
1951	---		84.8	ON MAR 24	0.255	ON SEP 8	361 000	1951
1952	---		117	ON MAR 11	0.113	ON OCT 12	267 000	1952
1953	---		89.5	ON MAR 4	0.142	ON AUG 30	185 000	1953
1954	416	AT 24:00 EST ON FEB 17 *	317 E	ON FEB 17	0.255	ON AUG 18	450 000	1954
1955	---		118	ON MAR 11	0.085	ON AUG 1	224 000	1955
1956	---		289	ON MAR 7	0.283	ON AUG 1	384 000	1956
1957	---		250	ON DEC 21	0.255	ON OCT 15	308 000	1957
1958	---		53.5	ON MAR 1	0.170	ON AUG 4	120 000	1958
1959	---		123	ON DEC 13	0.311	ON AUG 23	391 000	1959
1960	348	AT 08:00 EST ON MAR 31	317	ON MAR 31	0.193	ON AUG 30	325 000	1960
1961	---		108	ON FEB 24	0.2278	ON JAN 11	185 000	1961
1962	---		86.1	ON NOV 11	0.235	ON SEP 12	188 000	1962
1963	---		223	ON MAR 27	0.181	ON SEP 11	177 000	1963
1964	---		73.5	ON JAN 28	0.246	ON JUL 25	201 000	1964
1965	230	AT 01:00 EST ON FEB 11	200	ON FEB 11	0.201	ON AUG 25	325 000	1965
1966	262	AT 23:00 EST ON DEC 7	234	ON DEC 8	0.227	ON JUL 24	317 000	1966
1967	207	AT 18:00 EST ON APR 3	143	ON APR 3	0.538	ON SEP 15	480 000	1967
1968	385	AT 20:30 EST ON FEB 2	308	ON FEB 2	0.493	ON AUG 15	328 000	1968
1969	155 B	AT 09:00 EST ON JAN 31	137 B	ON JAN 31	0.286	ON SEP 21	303 000	1969
1970	147	AT 03:01 EST ON APR 3	120	ON APR 3	0.288	ON SEP 3	253 000	1970
1971	---		119 B	ON MAR 18	0.278	ON AUG 9	237 000	1971
1972	197	AT 23:59 EST ON DEC 31	119	ON DEC 31	0.224	ON SEP 21	278 000	1972
1973	223	AT 10:40 EST ON JAN 1	207	ON JAN 1	0.210	ON SEP 13	355 000	1973
1974	233	AT 20:20 EST ON MAR 5	178	ON MAR 5	0.215	ON SEP 18	314 000	1974
1975	218	AT 23:54 EST ON APR 18	193	ON APR 20	0.248	ON AUG 17	310 000	1975
1976	249 B	AT 07:03 EST ON MAR 6	223 B	ON MAR 8	0.585	ON SEP 8	482 000	1976
1977	328	AT 20:26 EST ON MAR 13	275	ON MAR 14	0.289A	ON SEP 12	387 000	1977
1978	188	AT 07:53 EST ON APR 2	155	ON APR 2	0.281A	ON AUG 11	283 000	1978
1979	305	AT 15:06 EST ON APR 14	248	ON APR 14	0.274	ON SEP 12	388 000	1979
1980	178	AT 05:50 EST ON MAR 22	159	ON MAR 22	0.372	ON SEP 12	241 000	1980
1981	244	AT 05:13 EST ON FEB 24	223	ON FEB 24	0.339	ON AUG 26	378 000	1981
1982	179	AT 22:37 EST ON MAR 31	159	ON APR 1	0.580	ON JUL 28	432 000	1982
1983	88.1	AT 04:32 EST ON MAY 3	75.5	ON MAY 3	0.416	ON SEP 14	278 000	1983
1984	276	AT 18:09 EST ON FEB 14	226	ON FEB 14	0.437	ON AUG 18	384 000	1984
1985	---		351 B	ON FEB 25	0.492E	ON AUG 6	549 000	1985
1986	214	AT 11:10 EST ON SEP 13	205	ON SEP 13	0.551	ON AUG 22	509 000	1986
1987	131	AT 18:54 EST ON MAR 9	126	ON MAR 9	0.058E	ON AUG 16	324 000	1987
1988	---		88.4	ON MAR 26	0.089	ON AUG 22	273 000	1988
							320 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	15.3	6.21	8.13	18.1	18.9	17.2	---	1915
1916	10.3	11.2	10.2	89.8	51.8	61.4	27.7	4.71	5.74	20.8	36.1	40.6	29.1	1916
1917	12.0	4.72	8.35	38.7	57.4	68.9	61.8	10.8	6.21	8.96	7.52	---	---	1917
1918	---	---	---	41.5	48.1	44.1	36.0	8.03	8.95	18.6	32.4	23.8	---	1918
1919	13.6	9.08	17.6	---	41.8	36.1	10.3	6.47	15.6	31.6	34.7	26.3	---	1919
1920	12.3	8.00	---	---	30.5	24.9	31.5	6.98	5.85	4.88	6.58	14.3	---	1920
1921	10.6	6.38	22.8	62.0	26.6	28.2	8.41	6.28	5.87	18.8	12.8	26.9	18.6	1921
1922	12.6	8.37	13.2	71.7	43.8	23.6	26.3	8.40	8.01	8.73	11.0	8.84	20.3	1922
1923	6.08	5.36	4.76	33.6	51.4	24.4	23.0	5.70	6.18	4.51	4.85	5.94	15.5	1923
1924	5.07	3.37	4.22	40.6	24.5	12.6	30.0	11.5	6.20	4.89	12.8	8.93	13.6	1924
1925	5.28	5.52	11.7	48.1	21.7	15.5	8.86	6.37	5.33	7.28	18.0	18.1	14.6	1925
1926	10.0	6.91	5.66	20.4	37.1	28.6	15.4	9.45	6.92	8.92	36.2	23.5	17.6	1926
1927	13.5	11.2	11.9	44.4	31.4	13.3	12.8	7.03	4.78	12.0	14.1	17.1	19.8	1927
1928	12.8	8.44	8.21	78.9	78.8	25.3	16.5	13.0	18.6	56.4	36.4	17.4	31.0	1928
1929	13.6	9.23	18.5	88.4	49.4	24.3	22.0	10.3	6.59	10.1	17.4	9.20	21.6	1929
1930	7.83	7.50	10.4	41.6	36.3	53.1	49.4	12.3	8.31	6.80	7.45	8.48	20.8	1930
1931	4.02	3.85	3.62	34.2	31.6	17.9	8.87	5.14	7.21	14.7	33.7	28.9	16.1	1931
1932	22.5	16.3	11.9	44.4	31.4	13.3	6.16	4.06	3.76	11.4	24.7	20.4	17.5	1932
1933	14.4	10.2	7.62	87.5	47.1	21.2	8.88	4.31	3.48	5.88	8.77	7.48	17.2	1933
1934	8.89	9.06	5.84	51.7	55.2	18.9	7.06	3.94	4.84	8.78	41.6	42.5	21.5	1934
1935	12.9	8.38	9.86	38.4	22.5	14.6	7.22	3.48	2.81	3.39	9.23	8.98	11.6	1935
1936	4.70	3.89	7.93	44.2	51.2	17.2	8.62	3.50	3.68	5.89	8.11	6.94	14.6	1936
1937	18.8	12.3	14.0	57.5	41.5	12.3	7.48	10.5	8.77	25.1	27.6	18.4	21.2	1937
1938	9.67	8.04	30.1	88.5	41.6	17.0	7.76	4.48	4.85	3.47	8.88	17.3	20.2	1938
1939	12.2	7.69	7.22	48.0	58.2	38.0	14.1	6.50	5.13	6.21	12.8	8.03	18.6	1939
1940	5.86	4.67	3.43	18.8	35.8	36.5	14.8	10.6	8.81	8.84	18.8	12.7	14.7	1940
1941	8.80	6.37	6.55	47.7	36.2	12.7	7.84	6.13	6.97	32.4	38.8	26.6	18.6	1941
1942	15.3	8.78	8.48	85.8	32.5	16.4	8.00	4.88	6.37	12.8	31.8	13.0	17.8	1942
1943	8.85	7.05	7.42	80.7	61.0	64.3	19.2	8.34	9.01	8.23	14.8	8.18	22.1	1943
1944	5.80	5.24	5.41	39.7	44.8	14.8	7.20	4.80	6.11	8.86	15.2	9.80	13.8	1944
1945	7.16	6.21	28.3	49.2	41.2	37.7	13.0	5.17	6.01	13.3	37.3	13.8	21.5	1945
1946	13.6	8.88	40.7	30.3	26.0	17.7	8.87	6.34	6.84	8.83	20.8	24.2	17.7	1946
1947	13.8	8.71	7.11	48.5	58.2	48.3	22.7	8.87	7.77	6.86	7.87	7.08	20.4	1947
1948	5.81	4.33	7.16	89.1	32.4	11.2	6.10	4.56	2.83	2.36	8.22	13.0	13.0	1948
1949	11.4	8.17	14.1	48.2	36.0	23.1	13.1	5.34	3.42	3.32	4.35	6.28	14.6	1949
1950	14.6	11.1	11.9	81.7	75.0	25.8	10.2	6.26	3.33	3.86	5.04	9.22	19.0	1950
1951	8.31	6.76	9.81	85.8	40.0	15.6	12.8	7.08	7.88	32.7	37.8	25.7	24.7	1951
1952	14.0	8.87	8.47	82.4	31.3	13.4	8.08	6.28	8.40	8.20	12.3	21.0	18.1	1952
1953	11.8	13.7	26.6	85.8	40.8	17.8	8.80	6.76	4.31	3.45	3.80	7.88	17.7	1953
1954	8.87	6.36	8.38	82.6	51.8	22.8	10.8	6.76	6.80	31.4	21.7	12.4	20.6	1954
1955	8.16	7.88	8.88	82.1	22.1	8.98	4.03	2.68	2.82	6.21	14.3	10.6	12.4	1955
1956	7.14	6.27	4.74	30.8	41.4	18.6	13.7	7.67	7.42	8.44	12.8	11.0	14.1	1956
1957	8.27	6.80	11.4	44.8	38.7	19.8	24.8	8.12	6.26	8.88	28.7	22.8	18.8	1957
1958	13.7	8.03	7.88	24.8	18.8	9.38	12.6	4.68	3.77	6.81	16.6	11.3	11.2	1958
1959	7.23	6.38	6.76	81.1	44.2	14.1	8.74	4.22	4.08	18.7	23.2	14.3	18.8	1959
1960	10.4	8.88	4.84	83.8	88.8	24.4	19.4	9.72	9.46	8.87	21.2	11.8	23.2	1960
1961	8.80	3.88	3.81	18.8	24.4	17.2	18.8	12.6	16.3	18.7	21.4	16.8	14.8	1961
1962	10.6	7.40	7.58	32.8	81.4	18.1	8.47	4.10	4.82	8.73	7.17	7.82	13.4	1962
1963	8.23	4.80	8.26	88.6	20.3	11.4	8.88	4.42	3.84	3.26	8.12	8.39	10.1	1963
1964	4.78	4.33	4.24	80.1	80.2	14.8	8.98	8.10	12.8	17.1	18.8	17.8	17.0	1964
1965	11.8	7.80	7.83	42.8	88.8	17.4	7.78	18.8	27.9	39.1	33.2	22.8	25.2	1965
1966	18.8	11.3	23.2	88.3	28.2	18.7	8.88	7.07	4.74	24.8	38.1	40.3	23.8	1966
1967	13.0	7.81	7.31	78.1	73.8	21.8	8.41	10.0	8.48	8.80	28.1	20.3	23.8	1967
1968	7.47	4.42	8.16	84.8	28.2	18.7	10.8	8.26	24.8	20.8	14.8	16.8	17.8	1968
1969	12.8	11.1	8.98	88.4	38.0	28.8	28.0	10.1	4.84	14.8	31.9	14.8	21.8	1969
1970	8.81	4.18	4.18	35.0	40.0	71.7	18.1	10.7	18.0	27.1	32.8	23.9	24.4	1970
1971	8.22	4.72	10.2	81.0	82.8	21.1	7.88	8.88	4.78	8.88	8.84	22.8	18.8	1971
1972	10.2	8.77	8.88	40.7	78.8	14.2	8.28	10.7	17.1	18.9	17.3	11.8	18.8	1972
1973	8.38	8.28	28.2	37.0	44.8	20.3	13.1	18.3	8.28	7.80	8.88	10.4	17.8	1973
1974	7.48	7.04	8.88	37.8	37.7	22.8	8.88	8.22	3.88	8.28	18.2	10.8	14.3	1974
1975	10.8	7.28	8.12	38.7	88.8	27.7	8.43	4.11	3.81	4.18	8.48	18.3	18.0	1975
1976	8.84	8.70	8.88	70.8	37.4	12.8	8.37	8.48	8.71	3.88	3.88	4.88	14.4	1976
1977	3.08	3.22	18.8	88.8	18.8	8.03	8.77	4.12	7.88	22.8	42.0	23.3	17.8	1977
1978	11.1	7.78	8.48	28.0	84.2	18.1	7.72	8.30	12.1	38.8	18.1	12.8	17.8	1978
1979	8.47	7.24	28.0	88.8	84.4	28.7	22.2	11.8	8.88	20.2	42.3	27.4	28.8	1979
1980	18.7	8.58	8.76	47.7	34.3	14.4	8.84	8.38	8.88	10.4	10.8	8.27	18.2	1980
1981	4.82	7.70	14.7	87.8	21.2	20.2	12.8	8.78	4.88	10.1	10.8	10.1	18.8	1981
1982	8.27	4.88	8.44	47.4	48.8	13.4	8.14	4.87	17.8	38.7	38.7	31.7	21.8	1982
1983	21.3	11.0	21.0	83.1	82.2	48.8	7.34	4.81	4.82	18.1	18.1	12.8	22.2	1983
1984	8.28	10.2	11.8	48.8	24.8	18.7	11.8	8.12	17.8	20.8	42.8	28.8	20.4	1984
1985	18.8	8.80	13.2	88.8	48.3	18.0	7.32	8.80	8.22	8.88	23.7	11.4	18.3	1985
1986	8.32	8.84	8.80	48.8	24.8	13.4	10.8	18.8	11.8	18.3	18.2	10.7	18.8	1986
1987	8.87	8.13	11.8	28.8	12.1	8.12	8.87	3.74	3.80	4.88	8.88	14.8	8.08	1987
1988	8.81	7.82	8.74	88.8	37.8	12.1	8.81	8.78	8.48	28.3	88.3	30.1	28.0	1988
MEAN	10.1	7.47	11.4	80.4	42.1	23.3	13.7	7.28	7.88	13.4	20.3	18.4	18.4	MEAN

LOCATION - LAT 48 12 54 N DRAINAGE AREA, 1 350 km²
LONG 82 04 14 W REGULATED

REMARKS - MINOR REGULATION AT LOW FLOW BY LOGGING OPERATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	90.3 ON APR 23	3.17 ON SEP 1	921 000	1916
1917	---	85.8 ON APR 25	3.88 ON DEC 30	---	1917
1918	---	71.4 ON MAY 10	---	---	1918
1919	---	---	5.30 ON JUL 28	---	1919
1920	---	---	4.36 ON DEC 12	---	1920
1921	---	88.8 ON MAR 29	4.73 ON SEP 15	588 000	1921
1922	---	112 ON APR 15	4.84 ON OCT 8	841 000	1922
1923	---	163 ON APR 28	4.25 ON OCT 18	491 000	1923
1924	---	76.5 ON APR 8	3.288 ON FEB 13	438 000	1924
1925	---	82.7 ON APR 4	4.288 ON JAN 28	484 000	1925
1926	---	184 ON NOV 15	5.868 ON MAR 1	558 000	1926
1927	---	86.7 ON MAR 20	4.28 ON SEP 25	527 000	1927
1928	---	143 ON APR 8	6.688 ON MAR 1	580 000	1928
1929	---	134 ON APR 8	4.47 ON OCT 11	881 000	1929
1930	---	132 ON JUN 28	4.81 ON NOV 18	856 000	1930
1931	---	79.3 ON NOV 28	3.628 ON MAR 1	508 000	1931
1932	---	98.8 ON APR 12	3.40 ON SEP 18	563 000	1932
1933	---	117 ON APR 19	3.28 ON SEP 5	542 000	1933
1934	---	135 ON NOV 24	3.40 ON SEP 1	878 000	1934
1935	---	87.5 ON APR 12	2.83 ON SEP 28	372 000	1935
1936	---	125 ON MAY 3	2.84 ON SEP 7	461 000	1936
1937	---	89.8 ON OCT 21	5.78 ON JUL 15	668 000	1937
1938	---	210 ON APR 1	2.69 ON OCT 31	835 000	1938
1939	---	113 ON APR 27	3.74 ON SEP 27	584 000	1939
1940	---	82.3 ON JUN 11	3.438 ON MAR 1	485 000	1940
1941	---	83.5 ON APR 21	3.88 ON SEP 9	818 000	1941
1942	---	85.7 ON APR 15	3.11 ON SEP 11	582 000	1942
1943	---	130 ON APR 28	5.15 ON OCT 13	896 000	1943
1944	---	106 ON APR 28	3.43 ON AUG 27	441 000	1944
1945	---	118 ON MAY 28	3.82 ON SEP 9	878 000	1945
1946	---	76.7 ON MAR 20	4.28 ON AUG 8	857 000	1946
1947	---	82.4 ON APR 13	4.88 ON SEP 10	845 000	1947
1948	---	125 ON APR 8	2.12 ON OCT 3 *	412 000	1948
1949	---	84.0 ON JUN 26	2.78 ON OCT 6	487 000	1949
1950	---	108 ON APR 21	2.80 ON SEP 28	800 000	1950
1951	---	181 ON APR 14	4.87 ON SEP 8	780 000	1951
1952	---	102 ON APR 20	3.46 ON NOV 12	510 000	1952
1953	---	88.1 ON APR 11	3.84 ON NOV 7	857 000	1953
1954	---	137 ON APR 28	3.14 ON SEP 18	847 000	1954
1955	---	90.0 ON APR 13	2.15 ON AUG 28	382 000	1955
1956	---	88.1 ON MAY 16	4.288 ON FEB 27	448 000	1956
1957	---	115 ON APR 27	3.85 ON OCT 18	595 000	1957
1958	---	34.8 ON APR 8	3.14 ON SEP 21	382 000	1958
1959	128 AT 10:00 EST ON APR 19	128 ON APR 19	2.97 ON SEP 20	523 000	1959
1960	178 AT 10:00 EST ON MAY 11	174 ON MAY 11	3.748 ON MAR 18	732 000	1960
1961	36.5 AT 19:00 EST ON MAY 19	38.2B ON DEC 6	3.408 ON MAR 20	471 000	1961
1962	96.0 AT 02:00 EST ON MAY 6	94.6 ON MAY 6	3.31 ON AUG 12	424 000	1962
1963	74.8 AT 22:00 EST ON APR 4	72.2 ON APR 5	2.48 ON OCT 27	320 000	1963
1964	97.7 AT 02:00 EST ON APR 19	95.1 ON APR 19	3.94B ON MAR 11	539 000	1964
1965	108 AT 11:30 EST ON MAY 5	108 ON MAY 5	5.63 ON AUG 7	784 000	1965
1966	136 AT 02:00 EST ON APR 23	132 ON APR 23	3.91 ON SEP 28	742 000	1966
1967	258 AT 07:00 EST ON MAY 4	246 ON MAY 4	4.11 ON SEP 20	744 000	1967
1968	75.9 AT 10:00 EST ON APR 6	73.6 ON APR 6	3.778 ON FEB 29	884 000	1968
1969	108 AT 23:00 EST ON APR 17	104 ON APR 17	4.22 ON SEP 23	877 000	1969
1970	278 AT 09:30 EST ON JUN 3 *	288 ON JUN 3 *	3.62B ON MAR 4	788 000	1970
1971	108 AT 17:01 EST ON APR 22	106 ON APR 22	3.85 ON SEP 19	533 000	1971
1972	182 AT 08:52 EST ON MAY 4	180 ON MAY 4	5.30B ON FEB 28	621 000	1972
1973	78.5 AT 10:34 EST ON MAY 4	75.6 ON MAY 4	5.64B ON JAN 19	585 000	1973
1974	93.4 AT 10:30 EST ON APR 23	92.8 ON APR 23	2.67 ON SEP 10	450 000	1974
1975	104 AT 05:08 EST ON APR 25	101 ON APR 25	2.84 ON SEP 5	505 000	1975
1976	116 AT 08:08 EST ON APR 20	116 ON APR 20	3.14E ON DEC 31	485 000	1976
1977	84.7 AT 22:56 EST ON APR 22	83.0R ON APR 23	2.88RA ON JAN 17	583 000	1977
1978	123 AT 17:33 EST ON MAY 15	121 R ON MAY 15	4.60 ON AUG 22	588 000	1978
1979	194 AT 13:35 EST ON APR 28	191 ON APR 28	6.28 ON FEB 21	904 000	1979
1980	103 AT 07:47 EST ON APR 10	98.0 ON APR 10	3.98 ON SEP 12	481 000	1980
1981	185 AT 01:40 EST ON APR 6	156 ON APR 6	3.90B ON FEB 1	800 000	1981
1982	110 AT 03:43 EST ON APR 27	108 ON APR 27	3.71 ON AUG 18	677 000	1982
1983	178 AT 23:57 EST ON APR 15	168 ON APR 15	3.78 ON SEP 15	700 000	1983
1984	107 AT 22:15 EST ON NOV 2	98.3 ON NOV 3	5.76 ON AUG 6	844 000	1984
1985	184 AT 05:17 EST ON APR 28	181 ON APR 28	4.27E ON SEP 22	808 000	1985
1986	88.0 AT 04:43 EST ON APR 10	84.8 ON APR 8	4.80B ON MAR 9	800 000	1986
1987	39.8 AT 00:18 EST ON APR 1	38.6 ON MAR 31	3.09 ON SEP 7	285 000	1987
1988	---	192 ON APR 8	4.81 ON SEP 11	781 000	1988
			MEAN	581 000	

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	0.285	0.382	2.11	---	1984
1985	0.887	4.80	3.34	5.54	0.851	0.438	0.433	0.418	0.415	0.713	1.81	4.40	2.05	1985
1986	0.944	1.58	3.54	1.47	0.828	1.11	0.259	0.477	0.359	0.248	2.01	4.81	1.45	1986
1987	3.18	1.45	5.26	4.74	0.858	2.08	0.855	0.881	0.509	2.45	3.67	4.03	2.52	1987
1988	2.07	5.39	5.82	1.24	0.757	0.823	0.444	0.492	1.51	1.70	2.58	2.18	2.05	1988
1989	3.36	2.44	5.60	5.00	1.64	0.852	0.398	0.298	0.182	0.247	1.26	0.782	1.83	1989
1970	0.548	1.01	2.29	5.88	2.28	0.688	0.898	0.400	0.945	1.88	2.70	2.78	1.85	1970
1971	0.891	1.81	4.08	5.77	0.878	0.584	0.333	0.323	0.263	0.278	0.443	1.18	1.49	1971
1972	1.41	0.493	4.53	7.17	0.873	0.480	0.572	0.341	0.351	0.950	1.48	2.87	1.80	1972
1973	3.08	1.31	6.09	1.96	1.83	0.640	0.400	0.358	0.289	0.421	2.47	2.32	1.94	1973
1974	4.46	1.87	5.87	3.85	4.00	0.721	0.378	0.327	0.278	0.318	1.05	0.447	1.99	1974
1975	2.87	2.48	4.82	5.97	0.882	0.688	0.578	0.807	0.877	0.391	0.800	2.87	2.03	1975
1976	1.20	6.80	6.81	3.27	1.90	0.724	0.648	0.507	0.671	0.841	2.77	0.781	2.38	1976
1977	0.886	0.726	9.21	2.48	0.840	0.865	0.448	0.781	1.84	2.02	1.72	2.34	1.87	1977
1978	1.02	0.532	2.54	12.0	1.80	0.575	0.305	0.298	1.56	1.19	1.12	1.82	2.02	1978
1979	1.84	0.845	9.81	5.10	1.27	0.888	0.390	0.358	0.415	0.740	3.28	4.42	2.81	1979
1980	1.89	0.423	5.45	3.17	1.08	1.02	0.894	0.430	0.573	1.11	0.821	1.84	1.54	1980
1981	0.355	7.10	1.80	1.80	0.770	0.864	0.398	0.842	1.97	3.26	1.81	0.801	1.74	1981
1982	0.738	0.413	8.21	8.41	0.881	1.03	0.583	0.877	1.61	0.743	4.74	6.42	2.71	1982
1983	1.41	2.08	1.60	2.83	3.52	1.38	1.56	1.62	1.17	1.23	2.74	3.55	2.08	1983
1984	0.588	8.55	3.70	1.24	1.43	1.22	0.808	0.479	1.35	0.705	2.11	3.41	2.09	1984
1985	1.43	6.77	10.2	5.03	0.787	0.892	0.888	0.528	0.881	1.31	4.04	1.84	2.82	1985
1986	2.01	0.817	7.82	2.43	1.42	1.12	0.740	0.725	5.87	3.87	1.82	2.21	2.53	1986
1987	1.24	0.585	5.73	2.82	0.878	0.824	0.768	0.446	0.398	0.835	2.34	4.82	1.79	1987
1988	1.16	1.77	5.41	2.31	0.878	0.354	0.373	0.287	0.518	1.47	3.37	1.82	1.85	1988
MEAN	1.81	2.89	5.45	4.38	1.38	0.824	0.581	0.543	1.02	1.18	2.13	2.85	2.03	MEAN

LOCATION - LAT 43 20 42 N DRAINAGE AREA, 144 km²
LONG 81 08 58 W REGULATED

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	75.6 AT 22:00 EST ON FEB 10	45.3 ON FEB 10	0.0888 ON JAN 6	84 500	1985
1986	58.3 AT 08:30 EST ON DEC 7	44.7 ON DEC 7	0.085 ON OCT 6	45 800	1986
1987	54.1 AT 06:10 EST ON APR 3	35.1 ON APR 3	0.193 ON SEP 17	78 500	1987
1988	84.8 AT 13:45 EST ON FEB 2	52.1 ON FEB 2	0.184 ON JUN 7	65 000	1988
1989	60.28 AT 01:30 EST ON JAN 31	30.3 ON APR 6	0.040 ON SEP 1 *	57 800	1989
1970	41.8 AT 03:12 EST ON MAY 18	26.7 ON APR 9	0.215 ON AUG 23	58 300	1970
1971	34.3 AT 08:20 EST ON APR 2	32.3 ON APR 2	0.112 ON AUG 8	47 000	1971
1972	38.8 AT 17:10 EST ON APR 13	30.0 ON APR 13	0.167 ON JUN 16	57 000	1972
1973	40.8 AT 21:26 EST ON MAR 11	25.4 ON MAR 12	0.099 ON SEP 3	61 200	1973
1974	84.6 AT 05:30 EST ON MAR 5	46.2 ON MAR 5	0.150 ON NOV 11	62 800	1974
1975	88.8 AT 05:56 EST ON APR 19	53.7 ON APR 19	0.252 ON AUG 10	84 000	1975
1976	46.0 AT 18:43 EST ON MAR 5	27.3 ON MAR 20	0.082 ON SEP 6	75 400	1976
1977	88.5 AT 08:14 EST ON MAR 13	80.0 ON MAR 13	0.086 ON AUG 21	62 000	1977
1978	84.7 AT 12:21 EST ON APR 11	45.6 ON APR 11	0.170 ON AUG 13	63 800	1978
1979	87.3 AT 05:42 EST ON APR 14	62.0 ON APR 14	0.190 ON AUG 8	76 900	1979
1980	81.8 AT 14:15 EST ON MAR 21	45.2 ON MAR 21	0.137 ON MAY 30	48 800	1980
1981	---	40.08 ON FEB 19	0.083 ON APR 13	54 900	1981
1982	98.5 AT 00:00 EST ON APR 1 *	85.08 ON MAR 31 *	0.2158 ON JAN 1	85 400	1982
1983	35.0 AT 05:24 EST ON JUL 31	18.8 ON JUL 31	0.295 ON JUL 25	54 900	1983
1984	42.8 AT 21:05 EST ON FEB 14	36.8 ON FEB 14	0.173 ON APR 14	66 000	1984
1985	---	52.08 ON FEB 24	0.251 ON AUG 4	89 300	1985
1986	---	38.4E ON MAR 19	0.348 ON AUG 18	78 600	1986
1987	21.0 AT 21:28 EST ON MAR 6	15.1 ON MAR 9	0.184 ON AUG 22	56 800	1987
1988	---	20.1 ON MAR 26	0.141 ON AUG 21	52 300	1988
				84 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.318	0.532	0.512	---	1983
1984	0.858	0.812	3.47	1.88	0.712	0.304	0.298	0.319	0.211	0.304	0.319	0.898	0.802	1984
1985	0.802	3.62	1.88	4.75	0.880	0.231	0.190	0.161	0.238	0.840	0.838	0.782	1.18	1985
1986	0.621	0.801	1.48	1.02	1.03	0.883	0.131	0.200	0.235	0.302	0.824	0.709	0.845	1986
1987	0.573	0.392	1.84	2.81	0.844	3.28	3.10	0.888	0.814	1.31	1.81	2.80	1.84	1987
1988	0.888	2.80	7.56	2.13	1.18	0.883	0.358	0.422	0.480	0.818	1.03	1.19	1.58	1988
1989	1.32	1.28	4.39	6.42	2.13	0.808	0.588	0.378	0.283	0.436	0.748	0.481	1.43	1989
1970	0.408	0.897	2.71	5.02	1.14	0.351	0.518	0.387	0.488	0.805	0.841	1.28	1.20	1970
1971	0.888	0.801	1.83	5.52	0.748	0.388	0.385	0.481	0.334	0.418	0.891	0.808	1.03	1971
1972	0.823	0.380	0.944	7.82	1.28	0.881	0.524	0.407	0.278	0.718	1.09	1.07	1.32	1972
1973	2.28	1.28	5.88	2.88	1.82	0.815	0.382	0.810	0.370	0.588	1.18	0.928	1.83	1973
1974	2.11	1.18	7.25	3.88	3.31	0.781	0.848	0.352	0.328	0.371	0.738	0.802	1.85	1974
1975	0.628	3.81	2.57	5.10	1.58	0.415	0.308	0.288	0.288	0.458	0.528	0.582	1.38	1975
1976	0.347	1.83	4.22	2.00	1.84	0.882	0.787	0.878	0.810	1.08	0.857	0.587	1.28	1976
1977	0.370	0.372	2.88	1.77	0.808	0.505	0.448	1.28	1.24	2.81	1.84	1.87	1.38	1977
1978	1.11	0.720	2.88	10.8	---	---	---	---	---	---	---	---	---	1978
MEAN	0.883	1.31	3.38	4.18	1.38	0.770	0.830	0.471	0.447	0.717	0.898	1.01	1.31	MEAN

LOCATION - LAT 44 07 08 N, LONG 79 48 43 W DRAINAGE AREA, 207 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	5.34 AT 09:00 EST ON APR 8	5.23RB ON MAR 15	0.143 ON SEP 14	25 400	1984
1985	38.8 AT 09:00 EST ON APR 6	32.0 ON APR 6	0.085 ON AUG 18	37 100	1985
1986	8.17 AT 03:00 EST ON JAN 1	6.80 ON JAN 1	0.0038 ON JAN 30 *	20 400	1986
1987	15.8 AT 20:00 EST ON JUN 25	13.1 ON JUN 25	0.278 ON SEP 11	51 800	1987
1988	23.7 B AT 15:30 EST ON MAR 16	21.0 B ON MAR 16	0.212 ON AUG 18	50 100	1988
1989	24.4 AT 03:25 EST ON APR 10	18.4 B ON MAR 21	0.170 ON SEP 15	45 000	1989
1970	18.4 AT 20:07 EST ON APR 8	15.0 ON APR 8	0.144 ON JUN 24	37 800	1970
1971	14.7 B AT 21:56 EST ON APR 2	14.2 B ON APR 3	0.147 ON AUG 8	32 600	1971
1972	43.0 AT 01:31 EST ON APR 14 *	34.5 ON APR 13	0.138 ON AUG 2	41 700	1972
1973	21.0 AT 02:27 EST ON APR 3	19.1 ON APR 3	0.198 ON JUL 25	51 500	1973
1974	---	49.8 B ON MAR 5 *	0.224 ON AUG 20	58 300	1974
1975	38.2 AT 15:08 EST ON APR 19	36.8 B ON FEB 25	0.212 ON AUG 17	42 500	1975
1976	32.8 AT 08:30 EST ON MAR 21	18.7 ON MAR 21	0.2728 ON JAN 16	40 000	1976
1977	---	13.6 ON OCT 2	0.204A ON JUL 28	42 800	1977
1978	37.8 AT 15:59 EST ON APR 2	33.7 ON APR 2	---	---	1978
				41 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	7.38	8.16	8.70	14.5	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	12.2	30.8	19.0	21.8	---	1925
1926	19.1	12.8	12.7	9.62	31.9	33.4	50.5	27.1	22.9	58.7	41.8	37.8	28.9	1926
1927	32.8	31.5	24.5	60.7	177	85.3	88.8	41.4	28.1	19.2	13.0	12.4	49.8	1927
1928	13.3	13.4	14.8	---	---	---	---	---	---	---	---	---	---	1928
1930	14.8	13.2	12.8	18.7	61.2	73.9	89.2	41.8	19.0	12.3	17.2	30.3	33.7	1930
1931	27.2	21.3	14.8	14.2	18.0	89.8	48.1	19.7	13.7	11.3	10.8	15.3	23.4	1931
1932	20.8	22.8	22.1	26.9	82.7	53.6	31.8	23.2	20.8	15.2	14.0	18.1	28.2	1932
1933	17.8	15.7	13.8	18.8	43.1	54.1	28.2	17.0	14.8	14.8	21.3	24.1	23.3	1933
1934	21.8	20.8	22.3	30.5	140	83.0	28.8	13.5	9.41	8.84	8.58	8.87	30.8	1934
1935	8.61	8.82	11.8	26.5	81.1	58.8	52.5	47.3	28.8	21.0	20.1	20.0	33.1	1935
1936	19.7	18.3	14.8	22.4	147	79.8	30.3	12.8	9.33	8.22	8.28	8.40	30.8	1936
1937	8.73	7.48	8.07	18.4	110	87.7	34.4	21.5	18.8	13.0	14.7	17.2	28.7	1937
1938	12.7	11.3	17.0	79.3	170	108	48.7	22.9	13.3	8.83	8.89	9.00	42.3	1938
1939	8.84	10.8	10.9	22.9	108	88.2	52.2	31.2	28.8	24.2	17.8	13.4	34.7	1939
1940	8.86	8.00	7.86	12.0	57.4	105	52.7	30.9	18.8	11.5	11.5	13.8	27.2	1940
1941	12.8	13.2	10.8	44.8	88.8	48.5	25.8	17.3	32.8	88.0	40.3	28.7	37.5	1941
1942	22.0	17.3	14.8	18.8	103	86.4	30.1	18.1	13.3	9.04	9.00	11.8	26.0	1942
1943	13.3	13.0	14.0	24.9	108	151	89.0	28.8	22.7	19.7	18.8	22.8	43.9	1943
1944	22.4	17.2	12.2	13.8	103	171	126	98.8	71.3	35.0	24.3	24.1	80.0	1944
1945	24.8	25.3	31.9	144	83.8	47.8	41.8	28.0	23.0	21.1	20.2	20.2	42.7	1945
1946	19.3	17.8	15.8	78.3	77.8	45.7	40.1	23.6	22.1	125	91.5	53.5	50.8	1946
1947	35.0	26.5	21.9	21.9	138	148	82.7	34.3	44.3	38.5	28.2	25.5	53.9	1947
1948	23.5	18.8	12.9	53.6	188	80.8	27.8	23.3	17.8	8.82	4.24	2.77	38.2	1948
1949	4.02	5.22	8.83	21.8	82.8	85.9	85.3	51.9	24.7	38.3	49.2	39.8	37.4	1949
1950	32.8	25.8	19.8	28.9	288	208	97.7	82.9	35.7	38.5	31.9	30.8	72.8	1950
1951	23.2	18.1	17.3	38.9	152	95.7	80.8	24.9	20.7	48.0	53.7	43.1	48.7	1951
1952	30.8	23.3	15.9	33.8	86.4	38.2	86.3	84.3	83.8	27.8	18.8	17.8	42.1	1952
1953	18.8	18.4	13.2	38.7	74.8	118	88.7	40.3	88.2	31.4	20.8	18.7	41.9	1953
1954	18.0	14.9	15.8	43.8	234	119	88.9	26.9	15.3	9.92	8.54	11.8	48.1	1954
1955	11.8	9.98	11.1	32.4	88.0	48.4	28.7	18.8	12.1	13.7	18.8	21.9	23.8	1955
1956	21.0	17.8	12.0	30.1	137	82.3	38.8	28.4	23.0	17.7	15.3	17.4	37.7	1956
1957	17.8	14.8	13.3	37.7	138	87.3	78.4	31.2	17.1	11.8	12.1	18.1	37.8	1957
1958	18.4	13.8	13.8	13.2	18.8	23.8	17.0	12.8	24.8	28.8	21.4	27.2	18.8	1958
1959	23.8	18.8	10.1	12.1	28.0	88.8	33.1	14.4	28.8	28.8	28.4	30.8	28.0	1959
1960	18.0	14.7	18.8	17.4	110	74.1	28.8	18.2	11.1	7.21	8.80	8.08	27.0	1960
1961	8.33	8.44	10.1	28.2	80.8	88.8	17.7	9.18	28.4	33.8	32.2	28.8	28.0	1961
1962	18.4	18.8	18.0	17.3	78.7	80.3	73.1	84.0	28.8	18.8	10.2	8.25	38.7	1962
1963	8.85	9.07	11.8	28.1	31.8	48.0	34.8	21.8	18.2	12.7	10.4	10.2	20.2	1963
1964	9.28	7.88	11.2	18.8	82.2	80.8	84.7	28.2	23.1	28.7	28.8	17.0	38.3	1964
1965	12.8	11.8	14.4	27.8	137	104	84.0	28.8	22.8	88.1	80.7	48.8	48.1	1965
1966	41.8	34.8	32.4	83.8	187	114	48.3	27.2	18.2	12.8	14.0	13.8	50.8	1966
1967	12.8	11.7	14.8	46.8	107	84.3	42.2	33.4	18.7	12.2	10.0	10.8	31.4	1967
1968	8.38	7.82	8.88	38.0	130	192	118	40.8	38.1	88.8	81.8	38.8	81.4	1968
1969	34.1	28.7	27.4	73.1	183	78.1	37.8	33.8	23.8	23.7	28.8	27.8	80.0	1969
1970	18.8	18.2	18.8	27.8	184	171	87.8	18.8	12.0	32.8	110	83.1	88.2	1970
1971	28.8	23.1	23.1	88.1	148	104	71.8	21.4	12.7	23.8	83.0	82.2	87.3	1971
1972	28.2	28.4	22.2	28.3	181	81.4	28.8	28.2	44.1	33.8	25.7	17.8	43.2	1972
1973	14.4	12.8	14.2	33.4	88.4	85.1	33.8	88.8	88.8	88.3	87.3	38.4	47.7	1973
1974	27.2	17.1	18.1	28.8	132	182	81.2	30.8	20.8	20.8	28.8	27.0	48.2	1974
1975	25.8	28.0	21.1	27.8	128	72.8	47.1	18.1	12.3	11.8	13.0	24.2	38.7	1975
1976	24.8	18.8	18.3	101	121	38.2	37.3	12.8	3.41	1.84	1.70	2.18	32.0	1976
1977	2.84	2.88	3.82	7.82	8.38	20.4	48.0	22.7	108	181	87.3	88.8	43.0	1977
1978	38.4	28.8	18.3	24.1	78.8	118	80.8	43.3	41.0	38.8	18.0	13.7	41.8	1978
1979	11.2	10.3	18.4	40.8	188	111	43.1	30.8	18.7	13.8	18.4	17.7	42.1	1979
1980	18.3	14.8	14.8	22.7	27.0	18.7	14.8	8.18	83.8	88.4	37.8	28.8	28.4	1980
1981	18.8	18.1	17.7	71.8	142	88.8	82.2	28.2	12.0	18.8	30.4	21.0	43.7	1981
1982	17.8	18.1	21.3	21.3	133	84.8	84.4	38.0	33.3	77.1	83.4	71.1	83.8	1982
1983	38.3	28.8	27.4	33.1	70.8	84.8	80.3	28.1	30.3	88.4	88.2	80.0	48.7	1983
1984	38.3	27.0	25.0	38.2	117	88.0	82.1	18.8	8.28	8.11	12.0	14.2	37.2	1984
1985	14.0	13.3	14.1	24.0	80.8	80.7	73.8	33.4	22.3	84.0	38.2	31.6	41.2	1985
1986	20.8	17.2	18.8	48.0	128	88.8	44.4	40.8	41.8	38.8	30.8	31.4	43.1	1986
1987	22.2	17.1	18.4	23.2	24.0	83.4	30.8	81.8	42.8	24.8	18.2	13.7	31.3	1987
1988	14.1	14.2	14.2	23.7	48.1	38.8	17.4	83.7	143	47.0	38.3	44.0	43.4	1988
MEAN	20.0	18.8	15.8	34.2	105	81.1	51.3	31.8	28.7	31.8	28.7	24.7	38.8	MEAN

LOCATION - LAT 48 04 55 N LONG 91 39 10 W DRAINAGE AREA, 4 810 km² REGULATED INTERNATIONAL GAUGING STATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1924	---		---		---		---	1924
1925	---		---		---		---	1925
1926	---		85.1 ON OCT 8		8.81 ON APR 8		942 000	1926
1927	---		202 ON MAY 12		11.8 ON DEC 12		1 880 000	1927
1928	---		15.8 ON MAR 7		12.1 ON FEB 1		---	1928
1930	---		108 ON JUL 23		11.0 ON OCT 26		1 080 000	1930
1931	---		80.8 ON JUN 22		9.88 ON NOV 6		737 000	1931
1932	---		100 ON MAY 21		13.5 ON NOV 17		823 000	1932
1933	---		71.9 ON MAY 31		10.7 ON OCT 11		733 000	1933
1934	---		189 ON MAY 18		5.10 ON NOV 16		870 000	1934
1935	---		115 ON MAY 15		7.33E ON JAN 1		1 040 000	1935
1936	---		188 ON MAY 20		4.59 ON NOV 23		874 000	1936
1937	---		140 ON MAY 18		8.37E ON JAN 1		838 000	1937
1938	228 E	ON MAY 15	170 E ON MAY 1		7.36 ON OCT 27		1 330 000	1938
1939	137	ON MAY 21	134 ON MAY 21		8.40 ON JAN 1		1 090 000	1939
1940	---		112 ON JUN 8		7.18 ON MAR 12		880 000	1940
1941	134	ON MAY 8	131 ON MAY 8		9.80 ON APR 2		1 180 000	1941
1942	---		131 ON MAY 25		7.82 ON OCT 26		882 000	1942
1943	---		158 ON JUN 5		12.7 ON JAN 1		1 380 000	1943
1944	---		208 ON JUN 18		10.5 ON APR 8		1 900 000	1944
1945	---		170 ON APR 19		18.8 ON DEC 27		1 380 000	1945
1946	---		170 ON OCT 20		11.8 ON MAR 14		1 800 000	1946
1947	---		178 ON MAY 19		17.4 ON APR 4		1 700 000	1947
1948	---		281 ON MAY 9		2.18 ON DEC 4		1 140 000	1948
1949	---		102 ON JUL 18		2.52 ON JAN 1		1 180 000	1949
1950	442 AT 00:30 CST ON MAY 24 *		430 ON MAY 24 *		17.1 ON APR 8		2 280 000	1950
1951	---		181 ON MAY 13		14.4 ON FEB 22		1 670 000	1951
1952	108 AT 04:00 CST ON MAY 8		108 ON MAY 7		14.2 ON MAR 30		1 330 000	1952
1953	134 AT 03:00 CST ON JUN 13		133 ON JUN 11		12.1 ON MAR 10		1 320 000	1953
1954	269 AT 13:00 CST ON MAY 15		268 ON MAY 14		7.53 ON NOV 18		1 550 000	1954
1955	77.0 AT 07:30 CST ON MAY 9		75.8 ON MAY 9		9.23 ON FEB 26		750 000	1955
1956	185 AT 07:00 CST ON MAY 26		184 ON MAY 26		11.0 ON MAR 22		1 180 000	1956
1957	169 AT 11:00 CST ON MAY 8		167 ON MAY 8		10.2 ON NOV 1		1 190 000	1957
1958	---		35.7 ON OCT 1		10.8 ON AUG 23		598 000	1958
1959	85.7 AT 07:30 CST ON JUN 3		84.3 ON JUN 3		9.17 ON MAR 24		787 000	1959
1960	139 AT 22:00 CST ON MAY 14		138 ON MAY 14		9.97 ON NOV 28		855 000	1960
1961	114 AT 23:30 CST ON MAY 22		114 ON MAY 23		8.12 ON JAN 1		814 000	1961
1962	127 AT 17:00 CST ON JUN 1		127 ON JUN 1		7.48 ON DEC 15		1 130 000	1962
1963	52.1 AT 16:00 CST ON JUN 22		51.8 ON JUN 22		8.38 ON JAN 23		835 000	1963
1964	131 AT 05:00 CST ON JUL 5		130 ON JUL 4		7.38 ON FEB 20		1 120 000	1964
1965	174 AT 15:50 CST ON MAY 25		172 ON MAY 25		11.3 ON FEB 9		1 550 000	1965
1966	220 AT 21:30 CST ON MAY 24		217 ON MAY 20		10.8 ON OCT 24		1 600 000	1966
1967	130 AT 12:30 CST ON MAY 11		128 ON MAY 10		8.98 ON DEC 31		884 000	1967
1968	256 ON JUN 23		254 ON JUN 23		7.33 ON MAR 4		1 840 000	1968
1969	228 AT 16:00 CST ON MAY 5		224 ON MAY 5		21.1 ON SEP 20		1 880 000	1969
1970	202 ON JUN 17		200 ON JUN 17		9.83 ON SEP 1		1 870 000	1970
1971	206 ON MAY 4		205 ON MAY 5		10.8 ON SEP 27		1 810 000	1971
1972	206 AT 21:30 CST ON MAY 17		204 ON MAY 17		13.4 ON DEC 28		1 370 000	1972
1973	---		132 ON OCT 22		11.5 ON MAR 4		1 500 000	1973
1974	175 AT 04:00 CST ON JUN 18		174 ON JUN 17		15.1 ON MAR 8		1 480 000	1974
1975	158 AT 15:30 CST ON MAY 14		158 ON MAY 14		10.8 ON OCT 23		1 120 000	1975
1976	224 AT 19:00 CST ON APR 30		222 ON APR 30		1.84 ON NOV 3 *		1 010 000	1976
1977	158 AT 22:30 CST ON OCT 20		157 ON OCT 20		2.35 ON JAN 1		1 380 000	1977
1978	151 AT 04:00 CST ON JUN 10		151 ON JUN 10		12.8 ON DEC 28		1 320 000	1978
1979	208 AT 08:30 CST ON MAY 20		208 ON MAY 20		8.74 ON FEB 11		1 330 000	1979
1980	110 AT 18:30 CST ON SEP 30		110 ON SEP 30		8.21 ON AUG 29		889 000	1980
1981	194 AT 06:00 CST ON MAY 7		193 ON MAY 7		8.41 ON SEP 29		1 380 000	1981
1982	182 AT 18:00 CST ON MAY 22		181 ON MAY 21		14.6 ON APR 13		1 880 000	1982
1983	---		86.1 ON OCT 24		19.4 ON SEP 7		1 470 000	1983
1984	---		142 ON MAY 17		8.35 ON OCT 12		1 180 000	1984
1985	101 ON MAY 19		100 ON MAY 20		13.3 ON JAN 31		1 300 000	1985
1986	145 ON MAY 13		144 ON MAY 13		16.3 ON FEB 17		1 380 000	1986
1987	96.8 AT 00:30 CST ON AUG 6		95.0 ON AUG 6		12.7 ON MAY 14		988 000	1987
1988	227 AT 09:50 CST ON SEP 2		226 ON SEP 2		11.8 ON AUG 1		1 370 000	1988
							1 250 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	20.6	11.7	---	1967
1968	7.73	5.13	11.1	111	29.8	33.8	9.43	11.8	24.0	40.0	17.8	12.0	28.0	1968
1969	9.54	9.28	8.35	89.0	48.7	12.1	8.20	4.93	8.08	26.4	20.2	10.1	18.9	1969
1970	4.80	3.76	3.84	34.2	52.3	31.8	27.8	9.87	18.4	20.4	17.8	18.8	20.4	1970
1971	7.58	5.32	12.1	57.7	83.0	18.5	8.48	5.28	7.09	20.1	31.9	21.1	23.2	1971
1972	9.02	6.16	8.23	35.1	104	19.8	8.94	38.2	18.1	23.1	17.8	9.72	24.8	1972
1973	11.1	7.88	44.0	72.7	44.1	12.0	10.2	26.6	10.8	12.1	17.9	10.7	23.4	1973
1974	8.03	4.82	8.84	70.8	80.7	30.1	7.94	7.23	18.4	30.2	31.8	12.4	23.0	1974
1975	14.4	8.82	8.89	43.3	83.8	32.3	8.67	2.88	8.18	8.67	30.2	12.3	20.8	1975
1976	8.88	8.17	21.4	107	28.0	13.7	8.18	2.14	1.83	2.85	3.87	2.72	18.7	1976
1977	1.81	1.88	35.3	121	21.0	8.06	12.4	8.37	17.8	27.7	48.1	14.2	28.1	1977
1978	7.28	5.06	4.37	24.3	73.6	30.3	11.2	12.4	19.2	28.1	13.3	8.83	20.0	1978
1979	8.88	4.92	18.4	115	88.2	28.4	10.8	8.34	8.82	38.8	38.9	17.4	30.8	1979
1980	13.8	7.04	4.88	71.8	28.7	24.8	11.1	7.27	20.8	20.1	14.8	8.84	19.1	1980
1981	8.38	8.11	13.8	107	34.3	32.3	8.84	4.88	2.83	10.8	12.1	8.88	20.8	1981
1982	8.24	3.87	8.48	84.2	88.4	10.8	8.18	3.34	18.0	47.1	34.7	22.8	28.0	1982
1983	18.8	8.38	20.1	88.8	70.8	38.3	8.13	8.82	13.3	38.0	28.8	18.1	28.2	1983
1984	8.30	10.8	8.32	78.1	33.4	10.8	18.2	8.81	18.7	27.8	42.7	23.7	23.8	1984
1985	11.0	8.88	7.78	108	84.8	22.4	8.83	8.18	18.7	33.8	28.3	12.3	28.8	1985
1986	8.81	8.42	8.11	100	28.0	17.7	28.8	28.8	28.8	41.8	30.1	11.8	28.8	1986
1987	7.88	8.88	12.8	88.2	18.4	8.80	8.88	8.78	7.27	18.8	22.7	18.8	18.1	1987
1988	8.88	8.87	7.38	110	80.1	7.38	2.78	32.7	23.8	38.2	78.8	28.4	32.4	1988
MEAN	8.48	8.14	12.8	78.8	82.8	21.2	10.4	11.0	14.4	28.8	28.4	14.1	23.3	MEAN

LOCATION - LAT 46 58 38 N DRAINAGE AREA, 1 180 km²
LONG 84 31 31 W NATURAL FLOW

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1967	---		---		---		---	1967
1968	---		223	ON APR 15	2.848	ON MAR 14	822 000	1968
1969	136	AT 20:00 EST ON APR 17	134	ON APR 17	3.45	ON AUG 25	896 000	1969
1970	130	AT 19:03 EST ON JUN 1	126	ON JUN 2	3.488	ON MAR 1	643 000	1970
1971	161	AT 21:08 EST ON APR 21	145	ON APR 22	4.13	ON AUG 8	730 000	1971
1972	233	AT 11:28 EST ON MAY 3	228	ON MAY 3	5.588	ON MAR 4	779 000	1972
1973	184	AT 13:24 EST ON APR 17	180	ON APR 17	4.87	ON JUL 24	736 000	1973
1974	250	AT 18:30 EST ON APR 29	238	ON APR 30	4.828	ON FEB 19	726 000	1974
1975	272	AT 17:30 EST ON MAY 1	264	ON MAY 2	1.80	ON SEP 3	858 000	1975
1976	264	AT 01:35 EST ON APR 19	258	ON APR 19	1.33	ON SEP 2 *	837 000	1976
1977	283	AT 20:40 EST ON APR 21 *	268	ON APR 22	1.678	ON JAN 14	824 000	1977
1978	178	AT 22:31 EST ON MAY 13	168	ON MAY 14	4.228	ON MAR 20	631 000	1978
1979	---		430 E	ON APR 28	4.428	ON FEB 21	985 000	1979
1980	138	AT 08:10 EST ON APR 23	133	ON APR 23	4.48	ON AUG 31	808 000	1980
1981	223	AT 05:28 EST ON APR 5	219	ON APR 5	2.03	ON SEP 25	848 000	1981
1982	248	AT 21:01 EST ON MAY 2	237	ON MAY 3	2.28	ON AUG 21	780 000	1982
1983	155	AT 08:35 EST ON MAY 25	150	ON MAY 25	2.17	ON SEP 4	828 000	1983
1984	178	AT 21:47 EST ON APR 18	167	ON APR 18	4.09	ON AUG 21	768 000	1984
1985	---		431 E	ON APR 25 *	4.13	ON AUG 22	817 000	1985
1986	181	AT 23:00 EST ON APR 20	173	ON APR 21	4.808	ON MAR 8	846 000	1986
1987	80.8	AT 00:01 EST ON APR 13	89.2	ON APR 13	2.38	ON AUG 14	477 000	1987
1988	---		169	ON APR 8	1.71	ON AUG 2	1 030 000	1988
							735 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.317	4.72	15.5	---	1966
1967	11.6	4.32	18.1	17.5	3.27	1.72	1.01	2.22	0.403	7.21	19.4	14.5	8.84	1967
1968	3.88	21.8	17.1	4.17	1.24	0.868	0.269	1.18	0.218	1.98	8.30	8.78	8.98	1968
1969	7.78	8.18	17.6	17.4	8.00	1.67	0.281	0.148	0.133	0.328	3.49	2.81	5.86	1969
1970	1.58	3.29	10.2	18.4	2.83	0.488	0.828	0.830	0.372	0.718	3.21	8.88	4.23	1970
1971	2.80	8.27	21.7	10.0	1.21	0.833	0.283	0.423	0.338	0.213	0.302	3.78	4.81	1971
1972	8.18	1.21	18.8	18.3	3.08	0.732	0.781	0.182	0.122	2.09	8.00	13.3	8.07	1972
1973	18.8	4.78	21.7	8.38	8.83	1.48	0.332	0.188	0.118	0.188	4.35	8.28	8.84	1973
1974	12.7	4.81	14.8	13.7	11.8	2.11	0.833	0.198	0.188	0.287	3.07	2.08	8.82	1974
1975	12.8	8.98	18.8	18.2	2.82	2.28	0.342	0.814	1.34	0.388	1.81	7.88	8.18	1975
1976	4.88	22.8	32.1	7.81	8.82	0.879	1.48	0.244	0.842	0.688	4.70	1.73	8.87	1976
1977	0.828	1.32	35.8	4.82	0.843	0.827	0.116	0.241	1.83	8.18	8.84	11.3	8.83	1977
1978	2.84	1.24	7.78	28.5	2.82	1.12	0.188	0.098	2.27	8.02	2.22	4.44	4.83	1978
1979	8.08	1.83	28.7	18.7	2.82	0.831	0.814	0.121	0.083	1.87	12.0	13.8	7.18	1979
1980	2.78	0.802	19.8	13.3	3.82	1.84	1.01	0.884	0.488	3.14	1.79	8.88	4.84	1980
1981	0.828	30.8	8.10	8.88	7.08	1.12	0.421	0.283	4.80	13.4	8.28	8.18	8.78	1981
1982	3.81	0.802	24.3	18.7	2.82	2.88	0.887	0.778	1.82	0.828	10.2	18.8	8.82	1982
1983	4.21	8.88	4.21	8.78	8.88	2.78	0.808	2.81	2.78	2.22	4.78	8.82	4.88	1983
1984	1.87	22.8	10.8	8.74	2.48	2.81	0.418	0.283	1.48	0.848	8.44	12.8	8.78	1984
1985	4.43	20.3	35.2	18.1	1.88	2.88	1.88	1.73	3.88	8.20	12.8	8.82	8.84	1985
1986	8.21	3.18	28.8	4.38	3.42	2.28	0.813	2.43	29.8	18.1	3.33	7.28	8.82	1986
1987	3.88	1.08	17.3	8.42	0.880	0.418	1.10	0.182	0.130	0.788	10.1	18.1	8.84	1987
1988	3.87	8.43	20.1	4.81	2.84	0.288	0.087	0.118	0.188	7.23	13.8	8.84	8.84	1988
MEAN	8.80	8.38	18.3	12.2	3.88	1.43	0.848	0.888	2.38	3.28	8.48	8.80	8.08	MEAN

LOCATION - LAT 43 33 03 N DRAINAGE AREA, 488 km²
LONG 81 38 22 W NATURAL FLOW

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	181 AT 13:30 EST ON APR 3	116 ON APR 3	0.130 ON SEP 15	288 000	1967
1968	302 AT 12:30 EST ON FEB 2	284 ON FEB 2	0.113 ON JUL 30	178 000	1968
1969	136 AT 12:00 EST ON APR 5	111 ON APR 5	0.093 ON SEP 13	178 000	1969
1970	130 AT 08:44 EST ON APR 9	107 ON APR 8	0.122 ON JUN 26	133 000	1970
1971	101 AT 15:30 EST ON APR 2	91.7 ON APR 2	0.113 ON AUG 19	142 000	1971
1972	198 AT 20:45 EST ON DEC 31	148 ON DEC 31	0.093 ON SEP 23	180 000	1972
1973	185 AT 00:00 EST ON JAN 1	123 ON JAN 1	0.082 ON AUG 15	178 000	1973
1974	183 AT 06:52 EST ON MAY 17	127 ON MAY 17	0.119 ON AUG 28	174 000	1974
1975	210 AT 12:11 EST ON APR 19	161 ON APR 19	0.110 ON AUG 20	195 000	1975
1976	186 AT 19:38 EST ON MAR 5	120 ON MAR 5	0.088 ON AUG 30	217 000	1976
1977	311 AT 18:27 EST ON MAR 13 *	280 ON MAR 13 *	0.031 ON JUL 23 *	184 000	1977
1978	101 AT 18:28 EST ON APR 1	85.2 ON APR 3	0.048 ON SEP 5	185 000	1978
1979	213 AT 10:12 EST ON APR 14	158 ON APR 14	0.041 ON SEP 6	228 000	1979
1980	186 AT 10:58 EST ON MAR 21	139 ON MAR 21	0.100 ON SEP 12	144 000	1980
1981	195 AT 14:34 EST ON FEB 23	180 ON FEB 23	0.089 ON AUG 28	214 000	1981
1982	178 AT 17:14 EST ON MAR 31	143 ON MAR 31	0.171 ON SEP 15	218 000	1982
1983	48.8 AT 03:19 EST ON DEC 13	45.1 ON DEC 13	0.095 ON JUL 27	154 000	1983
1984	---	88.08 ON FEB 14	0.082 ON JUL 29	183 000	1984
1985	175 AT 00:15 EST ON FEB 25	140 ON FEB 25	0.177 ON AUG 14	285 000	1985
1986	295 AT 20:51 EST ON SEP 11	205 ON SEP 11	0.185 ON AUG 22	251 000	1986
1987	85.8 AT 20:45 EST ON NOV 25	74.0 ON NOV 25	0.048 ON JUL 31	159 000	1987
1988	---	89.5 ON MAR 25	0.039 ON AUG 22	178 000	1988
				191 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.202	0.788	7.32	3.10	0.819	0.188	0.090	0.037	0.236	0.753	0.888	0.143	1.19	1976
1977	0.084	0.131	5.15	1.58	0.280	0.182	0.180	0.150	0.587	1.82	1.32	1.23	1.04	1977
1978	2.58	1.00	3.36	8.85	0.488	0.146	0.071	0.138	---	---	---	---	---	1978
MEAN	0.855	0.630	4.81	3.87	0.529	0.185	0.114	0.108	0.411	1.14	0.944	0.887	1.12	MEAN

LOCATION - LAT 45 22 30 N, LONG 75 38 20 W DRAINAGE AREA, 88.0 km^2, NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	27.7 AT 05:22 EST ON MAR 28 *	26.4 ON MAR 28 *	0.017 ON AUG 7 *	37 800	1976
1977	24.2 AT 22:30 EST ON MAR 14	23.4 ON MAR 14	0.085 ON JUL 11	32 800	1977
1978	20.0 AT 00:19 EST ON APR 15	18.0 ON APR 14	---	---	1978
				35 300	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	29.3	1.70	1.25	0.249	0.007	0.403	0.043	0.765	---	---	1948
1950	---	---	---	42.4	1.01	---	---	---	---	---	---	---	---	1950
1951	---	---	32.8	42.4	3.81	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	9.81	---	---	---	---	---	---	---	---	---	1953
1955	---	---	6.46	43.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.530	28.5	---	---	---	---	---	---	---	---	---	1956
1957	---	---	15.2	3.80	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.5	13.6	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.44	31.7	---	---	---	---	---	---	---	---	---	1959
1960	---	---	1.78	53.7	---	---	---	---	---	---	---	---	---	1960
1961	---	---	9.83	12.9	---	---	---	---	---	---	---	---	---	1961
1962	---	---	6.45	27.5	---	---	---	---	---	---	---	---	---	1962
1963	---	---	2.25	26.9	---	---	---	---	---	---	---	---	---	1963
1964	---	---	14.0	12.8	---	---	---	---	---	---	---	---	---	1964
1965	---	---	6.84	11.9	---	---	---	---	---	---	---	---	---	1965
1966	---	---	24.2	6.95	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	36.0	---	---	---	---	---	---	---	---	---	1967
1968	---	---	22.6	9.77	---	---	---	---	---	---	---	---	---	1968
1969	---	---	14.3	33.1	---	---	---	---	---	---	---	---	---	1969
1976	---	---	---	44.0	5.01	1.48	0.586	0.268	1.05	2.51	2.84	0.783	---	1976
1977	0.334	0.284	35.2	13.5	1.16	0.434	0.502	0.338	3.52	9.34	7.30	5.95	5.83	1977
1978	7.85	3.04	6.96	58.1	2.89	0.727	0.207	0.180	0.180	0.327	0.634	0.639	5.75	1978
1979	1.20	1.26	33.6	15.5	3.22	1.71	0.490	0.520	1.49	2.90	7.58	9.38	5.84	1979
1980	2.70	0.198	18.3	13.6	4.21	0.500	0.712	0.421	0.886	3.89	3.82	4.30	4.50	1980
1981	0.785	46.1	6.35	6.63	7.84	12.7	1.21	8.43	11.6	10.3	8.42	2.24	9.82	1981
1982	1.04	0.823	4.89	38.3	1.67	0.727	0.394	0.297	0.635	0.818	4.44	12.6	5.80	1982
1983	3.73	4.12	21.3	16.2	13.4	2.04	0.373	0.285	0.156	1.33	10.7	7.56	5.79	1983
1984	1.36	8.10	7.69	38.7	6.55	1.22	0.347	0.978	0.312	0.437	2.04	4.04	5.00	1984
1985	1.47	2.62	34.6	15.0	1.58	0.707	0.280	0.182	0.165	0.504	1.12	1.33	5.10	1985
1986	2.02	0.761	13.1	6.75	9.86	1.10	2.03	1.63	7.45	8.05	5.85	6.61	5.49	1986
1987	1.83	0.885	21.2	11.0	1.60	1.73	1.40	0.426	1.78	2.87	4.50	11.3	5.09	1987
1988	1.34	4.36	11.5	12.2	2.75	0.681	0.866	0.853	0.498	3.39	9.11	1.24	4.01	1988
MEAN	2.14	4.03	14.3	24.3	4.28	1.93	0.875	1.05	2.15	3.34	4.92	5.32	6.04	MEAN

LOCATION - LAT 48 25 35 N DRAINAGE AREA, 440 km²
LONG 75 08 12 W NATURAL FLOW

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	108 ON MAR 31	0 ON JUL 8 *	---	1948
1950	---	138 ON APR 5	0 ON MAY 23	---	1950
1951	---	125 ON MAR 31	---	---	1951
1952	---	118 ON APR 4	---	---	1952
1953	---	76.7 ON MAR 25	---	---	1953
1955	---	136 B ON APR 7	---	---	1955
1956	---	102 ON APR 7	---	---	1956
1957	---	41.3 ON MAR 18	---	---	1957
1958	---	72.5 ON MAR 30	---	---	1958
1959	---	118 ON APR 6	---	---	1959
1960	---	108 ON APR 6	---	---	1960
1961	---	84.8E ON MAR 28	---	---	1961
1962	---	75.0 ON APR 9	---	---	1962
1963	---	122 B ON APR 3	---	---	1963
1964	---	36.8 ON APR 23	---	---	1964
1965	---	35.1E ON APR 8	---	---	1965
1966	---	85.1E ON MAR 20	---	---	1966
1967	---	126 ON APR 3	---	---	1967
1968	---	90.6 ON MAR 28	---	---	1968
1969	---	70.5E ON APR 8	---	---	1969
1976	---	218 ON APR 4	0.187E ON AUG 23	---	1976
1977	---	150 B ON MAR 16	0.178 ON JUL 28	209 000	1977
1978	---	214 B ON APR 15	0.133 ON AUG 14	213 000	1978
1979	316 AT 19:39 EST ON MAR 25 *	285 ON MAR 25	0.155 ON JUL 26	209 000	1979
1980	---	116 B ON MAR 23	0.150E ON MAR 4	142 000	1980
1981	282 AT 09:44 EST ON FEB 21	270 ON FEB 21 *	0.321 ON AUG 2	313 000	1981
1982	---	153 B ON APR 2	0.127 ON AUG 19	177 000	1982
1983	---	85.0E ON MAR 20	0.121 ON SEP 8	214 000	1983
1984	186 AT 05:33 EST ON APR 6	172 ON APR 6	0.157 ON SEP 22	190 000	1984
1985	---	105 B ON MAR 15	0.103 ON SEP 15	161 000	1985
1986	98.8 AT 17:55 EST ON SEP 12	53.0 ON MAY 21	0.168 ON JUL 25	173 000	1986
1987	135 AT 02:18 EST ON MAR 27	121 ON MAR 27	0.173 ON AUG 28	160 000	1987
1988	---	58.5E ON MAR 27	0.157 ON AUG 21	127 000	1988
				191 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	0.004	0.085	1.88	---	1984
1985	3.94	12.4	14.4	14.8	0.488	0.097	0.040	0.048	0.042	0.324	0.881	9.88	4.70	1985
1986	2.50	8.93	9.87	7.08	2.48	4.57	0.073	0.087	0.081	0.042	2.73	19.2	4.78	1986
1987	8.33	2.88	20.0	18.9	1.81	8.42	0.741	0.388	0.202	11.3	14.8	19.0	8.81	1987
1988	5.61	27.3	19.4	8.34	2.30	7.38	3.85	0.238	0.188	0.087	1.43	7.77	8.84	1988
1989	9.27	8.82	5.21	11.7	9.89	3.88	0.731	0.088	0.028	0.044	2.34	4.78	4.49	1989
1970	0.710	5.22	15.3	12.9	3.45	0.820	0.678	0.171	0.083	0.084	1.34	4.75	2.79	1970
1971	1.21	12.1	18.7	3.48	0.748	0.385	0.104	0.038	0.118	0.101	0.148	4.71	3.27	1971
1972	3.27	0.858	14.4	14.2	1.88	0.870	1.79	0.138	0.088	0.782	8.53	12.7	4.77	1972
1973	17.3	4.89	28.4	8.40	3.49	3.82	0.528	0.221	0.022	0.043	3.18	9.71	8.45	1973
1974	20.3	11.0	18.7	9.86	13.1	0.888	0.103	0.023	0.034	0.088	0.717	2.49	8.27	1974
1975	12.4	12.2	15.8	13.8	1.44	3.80	0.185	3.89	7.15	1.88	2.52	8.89	8.85	1975
1976	3.18	33.4	18.8	8.73	8.38	0.708	8.88	0.978	0.311	0.858	0.808	0.410	8.80	1976
1977	0.171	3.60	25.8	8.98	0.735	0.133	0.441	0.040	0.303	1.13	4.19	18.8	8.28	1977
1978	1.10	0.878	21.8	14.4	1.88	1.03	0.080	0.011	0.116	0.087	0.188	0.805	3.81	1978
1979	0.833	0.578	18.1	24.2	2.38	0.818	0.384	0.170	0.030	0.057	1.77	11.4	4.89	1979
1980	3.04	0.890	15.3	12.7	3.88	1.81	0.872	0.787	0.303	1.17	0.428	2.80	3.87	1980
1981	0.248	25.4	4.87	9.78	5.25	0.491	0.142	1.80	8.80	22.4	8.82	5.12	7.48	1981
1982	7.78	0.515	35.1	15.3	0.804	2.48	0.812	1.25	0.448	0.392	7.08	19.7	7.78	1982
1983	3.15	10.8	4.38	9.83	9.95	2.84	0.307	0.888	0.585	0.228	8.75	11.3	5.03	1983
1984	0.551	21.0	19.2	7.22	---	---	---	---	---	---	---	---	---	1984
MEAN	5.14	10.1	16.9	11.3	3.87	2.20	1.07	0.558	0.898	2.04	3.24	8.84	5.63	MEAN

LOCATION - LAT 42 45 52 N LONG 82 20 30 W
DRAINAGE AREA, 809 km²
NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 2 1984

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	104 AT 06:00 EST ON FEB 12	91.7 ON FEB 12	0.014 ON JUL 28	148 000	1985
1986	143 AT 04:00 EST ON DEC 9	128 ON DEC 8	0.003 ON JUL 25	151 000	1986
1987	108 E AT 15:45 EST ON DEC 23	106 E ON DEC 23	0.081 ON SEP 18	272 000	1987
1988	226 B AT 19:00 EST ON FEB 3 *	214 B ON FEB 3 *	0 ON OCT 12 *	210 000	1988
1989	48.78 AT 05:18 EST ON FEB 2	44.78 ON FEB 2	0 ON AUG 28	142 000	1989
1970	92.8 AT 20:10 EST ON APR 4	80.4 ON APR 4	0.002 ON SEP 14	119 000	1970
1971	48.78 AT 01:46 EST ON MAR 2	47.88 ON MAR 1	0.0082 ON AUG 16	103 000	1971
1972	89.4 AT 19:46 EST ON APR 18	80.3 ON APR 18	0.042 ON SEP 24	151 000	1972
1973	120 AT 04:45 EST ON JAN 2	108 ON JAN 2	0.010 ON OCT 7	203 000	1973
1974	88.3 AT 18:06 EST ON MAR 8	84.4 ON MAR 8	0.013 ON AUG 15	188 000	1974
1975	70.8 AT 04:01 EST ON FEB 28	88.8 ON FEB 28	0.048 ON AUG 1	218 000	1975
1976	128 B AT 21:20 EST ON FEB 19	123 ON FEB 20	0.082 ON SEP 8	215 000	1976
1977	88.7 AT 08:37 EST ON MAR 13	88.2 ON MAR 13	0 ON AUG 27	188 000	1977
1978	---	101 A ON MAR 24	0 ON SEP 8	111 000	1978
1979	188 AT 18:11 EST ON APR 15	152 ON APR 15	0.001 ON SEP 28	184 000	1979
1980	52.5 AT 17:20 EST ON MAR 23	50.8 ON MAR 23	0.080 ON SEP 8	118 000	1980
1981	111 AT 20:44 EST ON FEB 20	108 ON FEB 20	0.027 ON JUL 27	235 000	1981
1982	141 B AT 23:29 EST ON MAR 18	133 B ON MAR 17	0.087 ON AUG 22	245 000	1982
1983	48.8 AT 10:25 EST ON MAY 4	47.0 ON MAY 4	0.052 ON SEP 15	159 000	1983
1984	---	180 E ON FEB 18	---	---	1984
MEAN				174 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	4.24	0.377	0.118	1.17	8.08	18.2	5.88	4.42	---	1981
1982	7.31	0.482	30.8	14.2	0.745	1.70	0.348	1.07	0.431	0.381	8.30	18.2	8.73	1982
1983	2.64	8.24	4.08	8.71	8.87	2.51	0.228	0.747	0.522	0.198	8.87	10.7	4.48	1983
1984	0.488	18.3	17.0	8.14	2.90	8.88	1.12	0.872	3.75	0.783	8.44	8.88	8.38	1984
1985	8.24	27.7	20.8	9.71	0.411	0.781	0.200	0.204	1.28	3.88	15.3	4.72	7.71	1985
1986	6.78	4.62	23.0	8.52	2.88	12.3	0.778	0.478	7.87	14.1	3.18	8.88	7.80	1986
1987	4.48	1.28	11.7	8.83	0.500	0.234	0.102	0.101	0.310	2.88	8.18	18.1	4.42	1987
1988	0.880	1.83	10.8	3.23	0.878	0.078	3.73	0.742	0.118	2.02	7.93	1.71	2.75	1988
MEAN	4.51	9.18	18.8	8.05	2.87	2.88	0.828	0.848	2.77	8.08	7.44	8.18	8.72	MEAN

LOCATION - LAT 42 48 42 N LONG 82 17 54 W
DRAINAGE AREA, 833 km²
NATURAL FLOW

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.045 ON JUL 25	---	1981
1982	120 B AT 19:42 EST ON MAR 15	114 B ON MAR 15	0.085 ON AUG 2	212 000	1982
1983	47.5 AT 02:53 EST ON MAY 4	44.1 ON MAY 4	0.032 ON SEP 15	141 000	1983
1984	181 AT 13:30 EST ON FEB 15 *	151 ON FEB 15	0.063 ON AUG 1	202 000	1984
1985	---	233 B ON FEB 25 *	0.027 ON AUG 23	243 000	1985
1986	150 AT 18:46 EST ON JUN 13	117 ON JUN 13	0.071 ON SEP 10	240 000	1986
1987	81.3 AT 04:47 EST ON MAR 4	48.7 ON MAR 4	0.033 ON JUL 31	146 000	1987
1988	---	40.3 ON JUL 20	0.002 ON JUL 13 *	87 100	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		181 000	MEAN

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.039	0.049	0.017	2.24	7.84	---	1966
1967	2.62	1.27	9.02	6.74	0.903	3.61	0.284	0.223	0.148	5.42	5.83	7.95	3.71	1967
1968	2.68	7.18	7.70	2.02	0.548	2.12	1.31	0.158	0.104	0.078	1.46	3.13	2.36	1968
1969	5.80	2.35	2.46	5.03	4.47	1.49	0.118	0.039	0.001	0.016	1.21	2.00	2.08	1969
1970	0.356	1.85	6.80	7.12	1.86	0.410	0.534	0.259	0.041	0.044	0.480	1.84	1.84	1970
1971	0.457	5.09	5.07	1.41	0.375	0.187	0.042	0.052	0.065	0.047	0.182	3.12	1.40	1971
1972	1.30	0.262	6.16	4.80	0.560	0.384	0.453	0.045	0.035	0.380	2.81	5.03	1.84	1972
1973	5.56	1.67	12.5	2.11	1.70	1.62	0.135	0.127	0.011	0.034	2.61	3.97	2.89	1973
1974	5.84	4.31	7.85	4.19	5.34	0.301	0.060	0.036	0.014	0.070	0.522	1.33	2.81	1974
1975	5.45	4.59	5.84	5.48	0.577	1.84	0.081	1.61	2.73	0.533	1.23	3.44	2.90	1975
1976	1.81	21.5	8.23	3.33	4.46	0.390	3.23	0.310	0.130	0.372	0.377	0.311	3.84	1976
1977	0.180	1.61	12.6	4.33	0.597	0.077	0.511	0.020	0.332	0.786	2.88	7.90	2.68	1977
1978	0.453	0.275	9.85	5.43	1.13	0.404	0.034	0.026	0.077	0.070	0.138	0.406	1.80	1978
1979	0.447	0.428	7.20	11.7	1.06	0.284	0.337	0.146	0.018	0.057	1.03	4.90	2.31	1979
1980	1.23	0.843	5.80	5.21	1.69	0.788	0.659	0.401	0.232	0.849	0.211	1.38	1.85	1980
1981	0.150	11.8	1.87	3.98	1.67	0.175	0.033	0.867	4.81	9.31	3.08	2.15	3.26	1981
1982	4.09	0.337	16.2	5.43	0.624	0.709	0.100	0.871	0.247	0.197	3.51	5.54	3.60	1982
1983	1.32	5.06	1.84	3.51	3.61	1.19	0.112	0.338	0.234	0.128	2.24	4.38	2.00	1983
1984	0.188	10.8	7.22	2.86	1.32	4.35	0.388	0.168	1.21	0.248	3.92	4.82	3.07	1984
1985	3.64	13.3	5.74	4.55	0.278	0.412	0.078	0.121	0.247	1.70	6.90	2.27	3.44	1985
1986	3.96	2.26	10.7	3.08	1.89	5.63	0.430	0.224	5.64	8.36	1.61	5.10	4.00	1986
1987	1.81	0.573	5.83	4.00	0.252	0.053	0.036	0.026	0.136	1.42	3.36	6.89	2.05	1987
1988	0.318	0.772	5.45	1.57	0.358	0.025	3.77	0.718	0.095	1.54	5.45	0.861	1.78	1988
MEAN	2.40	4.80	7.72	4.53	1.86	1.24	0.578	0.301	0.714	1.28	2.31	3.88	2.56	MEAN

LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 287 km^2
NATURAL FLOW

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	112 AT 12:30 EST ON DEC 22	81.0 ON DEC 22	0.008 ON SEP 20	117 000	1967
1968	160 B AT 16:00 EST ON FEB 2	81.09 ON FEB 2	0.037 ON OCT 20	74 500	1968
1969	35.4B AT 07:11 EST ON JAN 31	32.39 ON JAN 31	0 ON SEP 6 *	85 500	1969
1970	104 AT 09:03 EST ON APR 3	78.3 ON APR 3	0.018 ON AUG 31	61 100	1970
1971	36.8B AT 02:14 EST ON FEB 26	31.18 ON FEB 26	0 ON AUG 9	44 100	1971
1972	80.9 AT 23:59 EST ON DEC 31	42.8 ON DEC 31	0.024 ON SEP 7	86 100	1972
1973	80.8 AT 00:01 EST ON JAN 1	53.0 ON JAN 1	0 ON SEP 15	84 800	1973
1974	82.1 AT 10:58 EST ON MAY 17	62.6 ON MAY 17	0 ON SEP 20	88 700	1974
1975	78.7 AT 19:58 EST ON APR 19	39.1 ON APR 19	0.031 ON AUG 2	91 500	1975
1976	---	108 E ON FEB 20	0 ON AUG 30	115 000	1976
1977	---	40.5 ON MAR 10	0 ON AUG 21	83 800	1977
1978	---	58.6A ON MAR 24	0 ON AUG 17	90 500	1978
1979	226 AT 12:42 EST ON APR 14 *	156 ON APR 14 *	0 ON SEP 30	72 700	1979
1980	43.7 AT 03:30 EST ON MAR 21	31.4 ON MAR 22	0.100E ON JUL 20	52 100	1980
1981	83.6 AT 15:26 EST ON FEB 16	61.2 ON FEB 16	0.011 ON JUL 17	103 000	1981
1982	---	88.0B ON MAR 15	0.012 ON JUL 29	114 000	1982
1983	26.1 AT 20:51 EST ON DEC 13	22.7 ON DEC 13	0.010 ON SEP 15	83 000	1983
1984	188 AT 13:07 EST ON FEB 14	148 ON FEB 14	0.028 ON AUG 17	97 200	1984
1985	167 AT 21:45 EST ON FEB 24	123 ON FEB 24	0.004 ON AUG 4	109 000	1985
1986	146 AT 18:36 EST ON JUN 12	85.3 ON JUN 12	0.030 ON SEP 9	126 000	1986
1987	44.6 AT 19:45 EST ON NOV 26	29.1 ON NOV 26	0 ON AUG 1	84 800	1987
1988	---	46.9 ON JUL 18	0 ON JUN 26	55 500	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	81 500	MEAN

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0.485	0.389	1.91	1.20	0.554	0.369	0.236	0.217	1.53	1.43	0.552	0.535	0.792	1986
1987	0.367	0.208	1.18	1.03	0.257	0.260	0.293	0.185	0.067	0.206	0.467	0.719	0.439	1987
1988	0.586	0.984	1.15	1.14	0.411	0.133	0.080	0.083	0.093	0.233	0.508	0.305	0.488	1988
MEAN	0.479	0.514	1.42	1.12	0.441	0.251	0.188	0.155	0.570	0.823	0.509	0.520	0.566	MEAN

LOCATION - LAT 44 05 22 N DRAINAGE AREA, 80.1 km²
LONG 80 44 40 W NATURAL FLOW

REMARKS - GAUGE OPERATIONAL DEC 04 1985

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1985	10.3 AT 16:11 EST ON SEP 12 *	8.14 ON SEP 12 *	0.080 ON AUG 14	25 000	1985
1987	5.19 AT 15:45 EST ON MAR 26	5.71 ON MAR 26	0.026 ON SEP 10 *	13 800	1987
1988	---	4.75 ON MAR 27	0.045E ON AUG 22	14 800	1988
				17 800	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	1.04	4.32	7.89	---	1973
1974	10.7	9.14	14.1	28.0	23.1	5.28	0.988	0.219	0.224	1.12	8.12	9.89	9.03	1974
1975	7.17	4.77	13.7	28.0	15.1	2.85	0.382	0.075	0.188	0.531	1.38	4.30	6.38	1975
1976	4.82	3.72	20.0	34.1	10.0	2.40	0.945	0.265	0.190	0.483	3.04	3.06	6.81	1976
1977	1.26	1.26	13.8	15.8	4.61	0.842	0.275	0.159	0.176	1.68	6.52	12.2	4.88	1977
1978	9.38	6.27	4.89	30.5	19.4	2.86	0.426	0.532	1.23	3.59	6.83	6.89	7.70	1978
1979	5.73	3.96	20.2	33.8	14.7	5.06	0.388	0.230	0.178	1.51	7.90	13.3	8.93	1979
1980	9.38	3.32	13.4	24.7	11.5	2.13	1.38	0.805	0.264	1.80	4.78	4.84	6.53	1980
1981	2.44	21.3	18.5	14.1	7.47	4.88	1.68	0.451	3.84	5.63	8.77	5.41	7.88	1981
1982	3.81	3.47	4.84	27.8	11.9	4.86	1.30	0.348	0.515	1.52	8.75	19.0	7.27	1982
1983	10.8	7.85	9.95	15.0	23.6	5.98	0.229	0.087	0.088	0.833	1.58	3.89	5.77	1983
1984	2.64	11.3	11.5	31.8	15.8	2.71	0.395	0.690	0.300	0.636	2.83	4.73	7.03	1984
1985	8.38	8.81	22.5	31.0	11.8	5.09	2.53	0.248	3.95	4.02	12.0	10.5	10.1	1985
1986	5.65	4.81	12.5	19.3	7.42	9.81	3.18	2.57	8.70	17.8	7.26	8.80	8.82	1986
1987	4.02	3.17	8.87	30.0	4.55	2.44	1.26	0.199	0.123	1.35	3.05	10.7	5.78	1987
1988	5.75	6.22	7.83	26.9	9.41	1.84	0.175	0.098	0.122	0.828	5.70	4.36	5.88	1988
MEAN	6.14	6.54	13.1	26.0	12.7	3.86	1.03	0.485	1.35	2.75	5.73	7.83	7.31	MEAN

LOCATION - LAT 44 32 03 N DRAINAGE AREA, 541 km²
LONG 77 41 58 W REGULATED

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	---	46.4 ON APR 17	0.183 ON AUG 28	285 000	1974
1975	53.8 AT 03:25 EST ON APR 21	53.7 ON APR 21	0.023 ON SEP 10 *	200 000	1975
1976	80.1 AT 16:55 EST ON APR 2	78.0 ON APR 2	0.186E ON OCT 5	218 000	1976
1977	---	32.0E ON MAR 17	0.122 ON AUG 3	154 000	1977
1978	54.1 AT 12:37 EST ON APR 22	53.5 ON APR 22	0.306 ON AUG 18	243 000	1978
1979	84.7 AT 12:54 EST ON MAR 26	82.6 ON MAR 26	0.121 ON SEP 13	262 000	1979
1980	---	85.0E ON MAR 23	0.178 ON SEP 19	207 000	1980
1981	88.5E AT 10:00 EST ON FEB 25 *	85.5E ON FEB 25 *	0.255 ON SEP 1	248 000	1981
1982	50.7 AT 05:55 EST ON APR 19	50.2 ON APR 22	0.181 ON AUG 19	229 000	1982
1983	37.1 AT 18:04 EST ON MAY 9	36.6 ON MAY 9	0.078 ON AUG 21	213 000	1983
1984	57.6 AT 15:24 EST ON APR 7	56.4 ON APR 7	0.147 ON AUG 5	232 000	1984
1985	---	42.5E ON FEB 27	0.184 ON AUG 14	317 000	1985
1986	41.8 AT 08:30 EST ON APR 1	41.5 ON APR 1	0.852 ON JUL 25	278 000	1986
1987	84.7 AT 02:20 EST ON APR 7	82.9 ON APR 7	0.084 ON SEP 4	182 000	1987
1988	---	47.3 ON APR 5	0.081 ON AUG 23	178 000	1988
				230 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	0.492	0.714	1.47	---	1918
1919	---	---	3.34	4.84	5.90	2.26	1.35	1.30	1.05	0.813	0.880	1.03	---	1919
1920	0.743	0.593	---	---	---	1.84	1.48	0.805	0.845	0.824	1.80	1.88	---	1920
1921	3.43	3.22	8.88	4.31	2.82	1.84	0.902	0.705	0.734	0.710	0.888	0.948	2.41	1921
1922	0.706	0.850	2.40	4.78	2.58	1.18	1.04	0.893	0.578	0.486	0.508	0.481	1.35	1922
1923	0.481	0.481	0.850	3.58	5.12	2.73	0.928	0.728	0.818	0.371	0.875	1.12	1.48	1923
1924	1.72	1.56	1.92	4.13	3.13	1.14	0.995	0.882	0.823	0.813	0.828	0.902	1.48	1924
1925	0.308	1.45	3.17	2.80	2.27	1.52	0.789	0.493	0.785	0.976	2.51	1.30	1.53	1925
1926	1.18	1.13	2.08	5.13	8.03	2.74	1.01	1.29	1.03	1.38	2.88	1.80	2.52	1926
1927	0.538	0.851	4.80	3.54	2.21	1.56	1.51	1.01	0.808	0.749	1.11	1.24	1.83	1927
1928	1.23	0.848	2.35	8.46	2.58	1.34	1.47	2.14	1.48	1.34	2.08	3.35	2.47	1928
1929	3.86	1.81	7.04	8.72	5.29	1.87	1.34	0.879	0.680	0.640	0.957	0.793	2.88	1929
1930	1.56	2.21	1.81	5.48	2.46	1.18	0.878	0.644	0.805	0.642	0.481	0.538	1.48	1930
1931	0.388	0.311	0.398	1.98	1.18	0.870	0.752	0.821	0.372	0.587	1.54	1.38	0.873	1931
1932	4.03	5.38	4.25	6.80	3.40	1.18	0.974	0.902	1.01	0.903	1.53	1.83	2.84	1932
1933	1.58	1.30	1.67	6.84	1.82	1.12	0.831	0.482	0.638	0.515	0.884	0.963	1.51	1933
1934	0.981	0.880	1.38	3.48	1.07	0.720	0.881	0.587	0.474	0.420	0.851	0.388	0.950	1934
1935	0.963	0.453	2.35	0.834	0.785	0.875	0.473	0.287	0.305	0.488	0.884	0.538	0.782	1935
1936	0.425	0.481	2.04	1.98	1.15	0.883	0.414	0.384	0.484	0.477	0.788	1.08	0.878	1936
1937	2.04	1.84	0.785	1.87	0.871	0.588	0.534	0.404	0.380	0.475	0.528	0.388	0.885	1937
1938	0.283	---	3.17	1.53	1.12	0.788	0.607	0.484	0.653	0.448	0.448	0.483	---	1938
1939	0.785	0.783	1.33	3.37	3.01	0.946	0.688	0.580	0.481	0.513	0.784	0.945	1.15	1939
1940	0.388	0.388	0.510	2.85	1.87	1.41	0.845	0.835	0.810	0.812	1.45	1.80	1.15	1940
1941	1.81	0.880	0.821	2.74	0.857	0.871	0.482	0.837	0.817	1.47	1.73	1.70	1.17	1941
1942	1.13	0.821	3.41	4.34	2.77	2.40	1.11	0.878	1.18	1.08	1.83	1.30	1.84	1942
1943	1.22	1.18	3.12	5.18	9.10	2.88	1.12	0.888	0.887	0.556	0.880	0.598	2.25	1943
1944	0.880	0.783	1.02	2.33	1.28	0.880	0.482	0.348	0.440	0.350	0.520	0.588	0.788	1944
1945	0.510	0.425	2.87	1.88	2.71	2.24	2.94	1.08	1.14	2.48	1.51	1.22	1.74	1945
1946	2.12	1.44	4.84	1.84	1.04	0.824	0.787	0.478	0.811	0.512	0.577	0.880	1.27	1946
1947	0.783	0.823	0.905	9.74	4.08	2.07	1.30	0.712	0.813	0.402	0.481	0.585	1.84	1947
1948	0.483	0.481	2.84	2.30	1.87	0.933	0.707	0.528	0.428	0.538	0.852	0.498	1.02	1948
1949	1.38	1.27	2.78	2.90	1.18	0.881	0.543	0.370	0.404	0.532	0.488	1.93	1.20	1949
1950	2.18	1.05	1.80	4.87	1.35	1.00	0.717	0.827	0.809	0.530	0.770	1.42	1.41	1950
1951	1.70	0.878	2.01	7.74	3.28	---	---	---	---	---	---	---	---	1951
MEAN	1.29	1.17	2.57	4.31	2.74	1.38	0.952	0.712	0.881	0.723	1.04	1.08	1.84	MEAN

LOCATION - LAT 44 20 20 N LONG 80 32 20 W DRAINAGE AREA, 254 km²
REGULATED

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1918	---	---	---	---	1918
1919	---	8.30 ON MAY 8	---	---	1919
1920	---	---	---	---	1920
1921	---	22.7 ON MAR 20	0.340 ON AUG 24	75 000	1921
1922	---	10.6 ON APR 11	0 B ON MAR 1 *	42 500	1922
1923	---	14.2 ON MAY 21	0.311 ON OCT 14	48 500	1923
1924	---	13.2 ON APR 6	0.311 ON AUG 10	47 300	1924
1925	---	7.84 ON MAR 26	0.2838 ON JAN 8	48 200	1925
1926	---	22.6 E ON MAY 3	0.595 ON JUL 30	78 400	1926
1927	---	9.80 ON MAR 17	0.4818 ON MAR 1	51 500	1927
1928	---	17.6 ON APR 4	0.595 ON JUL 12	78 100	1928
1929	---	33.1 ON APR 8 *	0.198 ON OCT 2	90 300	1929
1930	---	12.4 ON APR 18	0.340 ON SEP 7	47 000	1930
1931	---	6.54 ON NOV 20	0.283 ON OCT 8	27 500	1931
1932	---	13.6 ON APR 11	0.538 ON AUG 23	88 700	1932
1933	---	13.5 ON APR 11	0.340 ON AUG 8	47 500	1933
1934	---	5.84 ON APR 6	0.227 ON SEP 10	30 000	1934
1935	---	5.948 ON MAR 17	0.198 ON AUG 8	24 000	1935
1936	---	4.84 ON MAR 27	0.255 ON AUG 8	27 700	1936
1937	---	5.52 ON APR 6	0.311 ON AUG 1	27 900	1937
1938	---	9.948 ON MAR 23	---	---	1938
1939	---	7.52 ON APR 18	0.311 ON OCT 13	38 200	1939
1940	---	5.58 ON APR 10	0.3968 ON JAN 1	38 500	1940
1941	---	5.69 ON APR 8	0.340 ON JUL 8	37 000	1941
1942	---	18.3 ON MAR 17	0.538 ON MAR 1	57 900	1942
1943	---	18.8 ON MAY 12	0.425 ON SEP 5	71 200	1943
1944	---	4.90 ON APR 10	0.227 ON AUG 15	24 900	1944
1945	---	13.5 ON JUL 15	0.4258 ON FEB 1	55 000	1945
1946	---	7.42 ON MAR 7	0.396 ON SEP 11	40 200	1946
1947	---	18.8 ON APR 11	0.340 ON OCT 14	58 000	1947
1948	---	11.6 ON MAR 20	0.311 ON SEP 8	32 300	1948
1949	---	9.85 ON MAR 28	0.227 ON AUG 13	37 900	1949
1950	---	16.0 ON APR 4	0.340 ON AUG 20	44 400	1950
1951	---	17.9 ON APR 26	---	---	1951
				45 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1910	---	---	---	---	---	---	1.17	0.977	0.783	0.888	1.23	0.865	---	1910
1911	1.22	1.37	2.34	7.12	2.80	1.31	---	---	---	---	---	---	---	1911
1912	---	---	---	---	---	1.88	1.23	0.933	0.808	0.849	1.26	1.12	---	1912
1914	0.989	1.54	2.08	4.88	2.45	1.63	0.988	0.881	0.729	0.881	1.17	1.17	1.80	1914
MEAN	1.10	1.46	2.20	5.08	2.53	1.84	1.13	0.927	0.778	0.872	1.22	1.08	1.80	MEAN

LOCATION - LAT 44 18 00 N, LONG 80 31 00 W
DRAINAGE AREA, 178 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1910	---	---	---	---	1910
1911	---	15.0 ON APR 15 *	0.906 ON JUN 30	---	1911
1912	---	---	---	---	1912
1914	---	7.73 ON APR 3	0.510 ON OCT 5 *	50 800	1914
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		50 800	MEAN

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	5.13	4.75	5.89	2.35	4.67	5.64	8.15	12.3	---	1957
1958	7.52	7.17	8.14	10.7	3.83	2.82	3.32	2.38	3.67	3.38	3.29	3.38	5.05	1958
1959	3.28	3.77	8.12	22.2	14.2	6.92	3.98	4.10	4.31	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	3.25	4.85	4.38	---	1960
1961	3.55	7.80	14.1	15.3	10.6	6.11	4.38	3.68	2.84	2.03	3.31	4.87	6.73	1961
1962	3.88	4.05	10.0	13.2	4.87	2.74	2.08	1.83	1.81	2.30	5.03	5.80	4.80	1962
1963	2.80	3.37	13.3	12.5	14.1	6.02	2.74	3.16	3.16	2.92	5.38	3.84	6.05	1963
1964	7.07	5.82	10.0	6.53	3.87	2.48	1.87	2.43	3.07	2.44	2.28	4.72	4.56	1964
1965	5.35	10.2	6.37	23.8	11.0	4.32	3.23	3.10	3.22	4.07	6.52	11.8	7.89	1965
1966	8.44	12.3	14.8	8.00	4.24	4.09	2.80	2.58	2.98	2.81	4.45	6.86	6.34	1966
1967	7.47	7.07	10.8	17.3	5.74	10.8	13.5	6.62	6.37	7.44	14.1	15.2	10.2	1967
1968	9.08	15.6	19.8	15.2	7.01	4.54	3.41	4.60	5.61	4.92	9.94	14.0	9.48	1968
1969	9.48	9.84	11.8	27.0	19.8	8.85	5.04	3.33	2.92	4.05	5.75	4.84	9.38	1969
1970	3.84	4.33	5.78	24.9	9.93	4.41	5.74	3.68	4.73	5.87	6.38	7.05	7.20	1970
1971	6.02	5.57	14.2	30.1	8.85	5.37	3.79	3.20	3.21	3.31	3.92	6.23	6.12	1971
1972	7.40	4.86	6.53	26.4	11.8	5.38	4.85	3.85	3.34	4.23	5.84	6.07	7.89	1972
1973	14.8	8.98	21.5	18.3	9.28	8.14	3.84	3.70	2.97	3.58	7.84	7.63	9.00	1973
1974	9.02	7.43	17.6	20.4	14.8	8.28	5.36	3.89	2.85	4.05	7.05	5.55	8.88	1974
1975	7.14	7.70	12.3	28.1	14.4	4.61	3.80	3.33	4.11	3.40	3.80	5.74	8.08	1975
1976	4.47	11.4	29.8	16.8	7.44	3.88	5.20	4.00	2.73	5.78	8.12	6.13	8.80	1976
1977	8.53	4.23	24.5	15.8	5.27	2.61	2.63	4.07	4.78	11.1	12.8	13.8	8.88	1977
1978	5.88	4.20	7.25	22.8	12.5	5.04	2.98	3.17	5.48	5.78	5.26	5.34	7.23	1978
1979	5.76	5.83	24.8	23.7	12.3	5.63	2.78	2.70	4.82	5.30	8.28	13.1	9.59	1979
1980	8.23	5.37	13.5	19.0	7.97	5.88	7.73	5.28	5.80	7.85	7.98	10.1	8.81	1980
1981	6.01	20.4	12.8	11.5	8.85	5.41	3.83	3.86	8.17	9.21	9.90	8.38	8.88	1981
1982	7.14	5.72	14.0	33.0	9.32	9.89	4.87	3.86	3.78	4.89	8.54	15.8	10.0	1982
1983	8.84	10.1	10.8	12.8	11.7	6.38	2.74	2.81	4.18	4.83	9.83	7.88	7.77	1983
1984	4.22	16.8	14.5	19.7	10.9	7.45	3.87	2.30	4.78	4.25	8.44	10.7	9.10	1984
1985	8.90	12.2	21.0	22.7	9.44	5.28	2.91	2.45	4.88	5.49	11.2	8.84	10.2	1985
1986	10.2	7.40	18.3	16.2	7.54	4.98	3.10	3.08	15.8	18.8	9.02	9.09	10.3	1986
1987	8.78	8.26	16.1	16.8	5.11	4.22	3.05	2.22	1.77	3.09	8.81	10.8	8.88	1987
1988	7.84	11.7	13.8	12.0	8.88	3.37	2.30	1.88	2.80	8.45	10.5	9.16	7.34	1988
MEAN	8.80	8.38	14.2	18.1	9.37	5.47	4.08	3.33	4.37	5.22	7.27	8.80	8.04	MEAN

LOCATION - LAT 44 31 20 N, LONG 80 28 00 W
DRAINAGE AREA, 572 km²
REGULATED SINCE 1915

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	51.0 AT 23:00 EST ON DEC 20	30.0 ON DEC 21	2.01 ON AUG 19	---	1957
1958	19.4 AT 19:30 EST ON MAR 28	15.9 ON APR 8	1.81 ON AUG 4	159 000	1958
1959	47.8 AT 21:00 EST ON APR 5	38.5 ON APR 6	---	---	1959
1960	---	---	---	---	1960
1961	31.4 AT 19:00 EST ON MAR 27	24.8 ON MAR 28	1.81 ON OCT 28	212 000	1961
1962	45.3 AT 00:01 EST ON DEC 7	32.8 ON MAR 28	1.88 ON OCT 19	181 000	1962
1963	84.4 AT 20:00 EST ON MAR 28	52.1 ON MAR 27	2.21 ON JUL 12	181 000	1963
1964	---	17.08 ON MAR 5	1.88 ON NOV 2	144 000	1964
1965	80.0 AT 03:00 EST ON APR 12	58.4 ON APR 12	2.01 ON JUL 24	242 000	1965
1966	66.5 AT 18:30 EST ON FEB 10	39.1 ON FEB 11	1.88 ON AUG 8	200 000	1966
1967	54.4 AT 16:30 EST ON JUL 10	38.8 ON APR 1	2.28 ON JUN 5	322 000	1967
1968	79.0 AT 12:40 EST ON FEB 2	62.0 ON FEB 3	2.17 ON AUG 4	300 000	1968
1969	45.8 AT 05:15 EST ON APR 15	39.6 ON APR 11	2.13 ON OCT 13	298 000	1969
1970	47.8 AT 03:15 EST ON APR 8	46.2 ON APR 8	2.84 ON AUG 28	227 000	1970
1971	84.48 AT 20:55 EST ON MAR 15	46.3 ON MAR 15	2.78 ON AUG 22	255 000	1971
1972	56.8 AT 20:38 EST ON APR 14	49.3 ON APR 15	2.62 ON NOV 2	243 000	1972
1973	45.5 AT 12:44 EST ON MAR 30	38.9 ON MAR 30	2.00 ON JUL 15	264 000	1973
1974	80.4 AT 01:38 EST ON APR 4	61.48 ON MAR 5	1.88 ON SEP 24	274 000	1974
1975	81.8 AT 03:48 EST ON APR 19	71.6 ON APR 19	1.77 ON NOV 4	255 000	1975
1976	66.8 AT 02:55 EST ON MAR 31	61.2 ON MAR 31	1.33 ON SEP 7	281 000	1976
1977	86.3 AT 08:21 EST ON MAR 13 *	73.1 ON MAR 13 *	1.00 ON JUL 29 *	280 000	1977
1978	44.7 AT 16:18 EST ON APR 1	33.1 ON APR 1	1.24 ON AUG 14	238 000	1978
1979	88.8 AT 00:03 EST ON APR 14	81.9 ON APR 14	1.26 ON JUL 20	302 000	1979
1980	84.5 AT 14:14 EST ON MAR 21	48.5 ON MAR 21	2.87 ON JUL 13	278 000	1980
1981	63.4 AT 22:11 EST ON FEB 18	56.88 ON FEB 19	1.43 ON AUG 3	283 000	1981
1982	72.9 AT 16:30 EST ON MAR 31	64.8 ON MAR 31	2.42 ON SEP 3	316 000	1982
1983	28.1 AT 23:38 EST ON NOV 30	23.0 ON NOV 31	1.28 ON JUL 18	245 000	1983
1984	55.8 AT 11:30 EST ON DEC 28	51.08 ON DEC 28	1.41 ON AUG 7	288 000	1984
1985	63.8 AT 19:03 EST ON APR 5	55.1 ON APR 6	1.15 ON AUG 14	322 000	1985
1986	70.7 AT 06:58 EST ON SEP 30	38.0 ON SEP 30	1.82 ON AUG 8	334 000	1986
1987	47.8 AT 08:03 EST ON APR 5	38.5 ON APR 6	1.48 ON SEP 25	217 000	1987
1988	---	37.08 ON FEB 1	1.48 ON AUG 8	232 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		254 000	MEAN

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	0.841	2.03	1.01	0.598	0.389	0.388	0.248	0.342	0.480	0.835	---	1914
1915	0.472	0.881	0.880	1.82	0.883	0.888	0.484	0.410	---	---	---	---	---	1915
MEAN	0.472	0.881	0.801	1.83	0.837	0.844	0.432	0.404	0.248	0.342	0.480	0.835	---	MEAN

LOCATION - LAT 44 19 15 N, LONG 80 24 00 W
DRAINAGE AREA, 81.8 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	3.38 ON MAR 31	---	---	1914
1915	---	3.77 ON APR 11 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BEAVER RIVER NEAR KIMBERLEY - STATION NO. 02FB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	3.43	5.28	0.819	1.70	1.25	1.48	1.88	3.00	2.07	---	1915
1916	6.38	7.93	8.52	11.4	8.84	3.88	1.88	1.27	1.11	1.48	2.49	4.43	4.86	1916
1917	3.08	3.20	4.71	8.62	5.35	3.67	4.48	2.58	2.32	2.83	3.48	2.58	3.62	1917
1918	2.46	2.58	3.61	8.58	3.84	2.37	2.20	2.32	2.48	2.48	3.72	3.23	3.23	1918
1919	3.27	2.77	5.34	6.38	6.52	3.45	2.04	2.40	2.86	2.73	3.22	3.80	3.78	1919
1920	2.88	2.47	5.13	5.08	3.85	2.83	2.83	1.97	1.81	2.89	3.82	4.13	3.33	1920
1921	5.67	5.57	13.4	8.14	4.12	2.80	2.26	2.12	2.81	3.22	2.42	2.81	4.43	1921
1922	2.42	2.72	4.98	8.84	4.87	2.81	2.45	2.00	2.28	2.71	2.87	2.45	3.42	1922
1923	2.45	2.35	3.38	8.12	8.83	4.80	3.03	2.30	2.31	2.24	2.52	2.62	3.41	1923
1924	3.02	2.84	3.87	7.31	5.34	3.81	2.98	2.81	2.98	3.12	3.31	3.18	3.82	1924
1925	2.74	3.80	5.85	4.28	4.07	3.82	3.33	2.77	2.83	2.83	3.84	3.81	3.58	1925
1926	3.40	3.81	4.54	9.86	11.0	4.11	2.88	3.03	2.77	3.23	4.81	3.84	4.77	1926
1927	4.18	4.83	8.88	8.28	5.01	4.28	3.85	3.12	3.13	3.04	3.57	3.83	4.48	1927
1928	3.88	3.50	8.28	14.0	5.11	3.88	3.83	4.45	4.04	4.77	5.88	5.71	5.48	1928
1929	7.81	5.48	11.8	15.1	9.88	4.89	4.83	3.85	3.48	3.86	3.14	2.85	6.44	1929
1930	4.18	5.46	4.30	8.12	5.25	4.88	3.83	3.24	2.82	2.01	1.84	1.83	3.83	1930
1931	1.78	2.22	1.89	3.82	2.14	2.88	2.42	2.37	2.24	2.89	3.08	4.08	2.58	1931
1932	5.80	5.01	5.83	9.08	4.84	2.74	2.28	2.17	2.88	2.82	3.48	4.47	4.82	1932
1933	4.83	4.42	5.13	7.88	3.83	2.80	2.38	2.73	1.87	1.74	2.84	3.87	3.84	1933
1934	3.20	2.48	3.82	5.41	2.78	1.83	1.81	1.82	1.26	2.11	3.17	1.78	2.80	1934
1935	2.83	2.58	4.58	1.78	1.03	1.33	1.40	1.42	1.37	1.44	3.23	2.88	2.05	1935
1936	2.07	2.01	4.10	4.42	3.38	2.79	2.00	2.11	2.04	1.77	3.52	3.82	2.83	1936
1937	4.22	4.82	2.89	2.72	2.38	2.84	1.72	1.76	1.48	1.43	2.02	2.10	2.48	1937
1938	1.70	3.48	5.88	2.86	2.37	2.38	2.13	3.34	2.85	1.82	2.13	2.18	2.73	1938
1939	2.16	2.81	3.80	5.41	4.78	2.87	2.27	1.81	2.71	2.48	2.87	2.87	3.04	1939
1940	1.84	1.58	1.21	5.13	3.04	2.84	3.31	3.47	2.85	2.80	4.83	5.28	3.14	1940
1941	5.31	4.15	2.47	4.87	2.51	2.38	2.81	1.84	1.87	3.89	5.04	4.83	3.48	1941
1942	5.03	3.88	8.02	9.02	7.20	6.04	3.07	2.85	2.87	3.14	4.81	4.81	5.05	1942
1943	4.58	5.77	7.38	9.28	11.8	5.05	3.44	3.53	2.84	2.05	2.38	2.21	5.02	1943
1944	2.10	1.81	2.21	3.88	4.01	2.48	1.81	1.84	1.88	1.81	2.84	3.82	2.63	1944
1945	1.58	1.58	5.00	5.87	5.88	5.53	5.31	3.40	3.88	6.04	5.77	5.18	4.87	1945
1946	5.48	5.78	8.78	3.87	2.88	2.08	2.52	2.88	2.08	1.82	1.98	1.80	2.84	1946
1947	1.78	2.84	3.11	14.7	8.78	6.58	2.78	2.30	1.98	2.05	2.12	2.26	4.20	1947
1948	2.08	2.33	5.81	5.43	4.30	3.42	3.18	3.14	2.27	1.84	3.07	2.48	3.28	1948
1949	3.81	4.79	7.52	7.92	4.85	2.47	2.34	2.33	1.84	2.53	2.83	5.38	4.03	1949
1950	5.84	5.27	6.85	10.8	6.08	3.71	3.28	3.04	2.71	3.32	3.78	4.83	4.81	1950
1951	6.03	5.58	7.58	13.5	7.82	---	---	---	---	---	---	---	---	1951
MEAN	3.78	3.74	5.82	7.23	5.09	3.31	2.77	2.63	2.37	2.61	3.19	3.43	3.78	MEAN

LOCATION - LAT 44 20 40 N DRAINAGE AREA, 282 km²
LONG 80 32 20 W REGULATED

BEAVER RIVER NEAR KIMBERLEY - STATION NO. 02FB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	10.8 ON APR 1	0.876 ON SEP 10	147 000	1916
1917	---	17.0 ON APR 2	1.18 ON DEC 23	130 000	1917
1918	---	10.7 ON APR 4	1.30 ON FEB 10	102 000	1918
1919	---	13.3 ON MAR 18	0.906 ON JUL 27	119 000	1919
1920	---	10.1 ON MAR 25	0.888 ON OCT 17 *	105 000	1920
1921	---	25.3 ON MAR 20	0.888 ON NOV 8	140 000	1921
1922	---	17.3 ON APR 11	0.8518 ON MAR 2	108 000	1922
1923	---	10.7 ON MAY 21	0.7858 ON FEB 11	107 000	1923
1924	---	20.6 ON APR 8	1.38 ON JUL 8	114 000	1924
1925	---	15.4 ON MAR 27	1.73 ON OCT 4	113 000	1925
1926	---	27.3 ON MAY 3	1.78 ON JUL 4	180 000	1926
1927	---	15.1 ON MAR 17	1.84 ON OCT 30	141 000	1927
1928	---	34.6 ON APR 5	2.21 ON JUL 8	173 000	1928
1929	---	37.1 ON APR 6 *	1.93 B ON DEC 22	203 000	1929
1930	---	15.4 B ON FEB 23	1.38 ON OCT 12	124 000	1930
1931	---	8.31 ON APR 10	1.22 ON NOV 11	81 700	1931
1932	---	14.3 ON APR 11	1.44 ON AUG 7	148 000	1932
1933	---	12.3 ON APR 7	1.02 ON OCT 8	118 000	1933
1934	---	8.78 ON APR 2	0.906 ON AUG 31	82 100	1934
1935	---	13.6 ON MAR 17	0.736 ON JUN 8	84 800	1935
1936	11.3 AT 20:00 EST ON MAR 27	8.35 ON MAR 27	1.18 ON AUG 2	89 400	1936
1937	24.28 AT 00:10 EST ON FEB 8	7.73 ON APR 8	0.821 ON OCT 11	78 400	1937
1938	19.0 AT 20:30 EST ON MAR 23	14.1 ON MAR 24	1.10 ON OCT 10	89 100	1938
1939	14.8 AT 22:00 EST ON APR 18	11.2 ON APR 19	0.8502 ON JUN 25	95 700	1939
1940	15.5 AT 17:00 EST ON APR 6	10.7 ON DEC 30	0.906 ON MAR 17	99 200	1940
1941	17.8 AT 08:00 EST ON OCT 5	8.26 ON APR 14	0.834 ON SEP 26	110 000	1941
1942	26.2 AT 08:00 EST ON MAR 17	21.0 ON MAR 17	1.33 ON AUG 18	180 000	1942
1943	23.3 AT 04:00 EST ON APR 1	19.6 ON APR 1	0.834 ON OCT 11	155 000	1943
1944	11.3 AT 12:00 EST ON APR 10	7.98 ON APR 10	0.678 ON AUG 13	78 700	1944
1945	17.0 AT 19:00 EST ON JUL 15	14.1 ON MAR 18	1.56 B ON FEB 1	147 000	1945
1946	18.6 AT 05:00 EST ON MAR 7	15.6 ON MAR 7	0.785 ON SEP 28	112 000	1946
1947	30.6 AT 18:00 EST ON APR 11	23.6 ON APR 11	0.706 ON SEP 1	132 000	1947
1948	20.4 AT 16:00 EST ON MAR 19	16.9 ON MAR 22	0.906 ON MAR 14	104 000	1948
1949	22.18 AT 12:00 EST ON DEC 22	16.4 ON MAR 28	0.883 ON SEP 4	127 000	1949
1950	31.7 AT 16:00 EST ON APR 4 *	25.3 ON APR 4	1.83 ON OCT 8	155 000	1950
1951	28.2 AT 22:30 EST ON APR 25	23.5 ON APR 25	---	---	1951
				120 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.030	0.535	2.29	---	1966
1967	1.77	1.06	3.06	7.09	1.92	1.06	2.96	1.51	0.841	2.84	4.67	5.39	2.93	1967
1968	1.62	3.49	12.1	6.06	1.67	0.713	0.361	0.406	0.433	0.585	1.62	2.71	2.86	1968
1969	1.42	2.46	8.06	10.7	5.12	0.862	0.366	0.275	0.322	0.556	1.36	1.04	2.80	1969
1970	0.469	0.511	1.34	12.5	2.32	0.876	1.20	1.06	1.44	1.66	2.41	2.09	2.32	1970
1971	1.04	0.785	2.67	16.4	2.33	0.862	1.11	0.412	0.863	0.769	0.716	1.63	2.42	1971
1972	0.856	0.746	1.04	16.7	3.80	1.62	0.609	0.419	0.419	1.75	3.36	2.62	2.80	1972
1973	4.22	2.79	15.6	8.45	3.36	0.824	0.304	0.406	0.346	0.483	3.81	2.89	3.58	1973
1974	3.20	3.24	8.36	9.87	6.39	0.767	1.61	1.89	1.27	1.84	3.81	1.86	3.57	1974
1975	1.85	4.74	6.09	9.14	2.56	0.404	0.253	0.201	0.242	0.256	0.581	0.806	2.26	1975
1976	0.546	1.11	14.7	8.34	3.02	1.14	1.66	0.936	2.22	2.40	2.06	1.01	3.10	1976
1977	0.643	0.869	12.1	4.01	0.789	0.256	0.288	0.526	1.26	2.32	3.16	3.66	2.52	1977
1978	2.62	1.67	3.18	20.4	3.08	0.862	0.142	0.256	0.676	1.01	1.34	1.06	3.08	1978
1979	0.842	0.684	12.2	7.40	3.00	0.646	0.414	0.439	0.437	1.07	1.93	5.48	2.91	1979
1980	2.36	0.777	8.04	9.26	2.06	0.736	1.80	1.17	1.09	1.66	2.76	3.66	2.96	1980
1981	0.868	11.6	4.73	3.36	1.61	0.641	1.03	0.617	1.72	2.36	3.64	1.96	2.81	1981
1982	0.801	0.722	4.46	13.4	1.61	1.74	0.710	0.636	1.26	1.66	5.66	6.12	3.46	1982
1983	3.04	3.36	5.66	6.27	4.70	0.770	0.213	0.297	0.236	0.802	1.62	1.36	2.27	1983
1984	0.816	6.11	7.36	7.66	3.26	0.467	0.246	0.156	0.344	0.426	1.36	2.34	2.70	1984
1985	1.76	6.00	13.3	7.96	1.62	0.671	1.06	0.676	1.67	1.66	6.02	3.22	4.01	1985
1986	2.20	1.47	10.6	6.27	2.66	2.04	0.656	1.46	6.46	6.17	2.67	2.62	3.97	1986
1987	1.64	0.872	6.60	7.17	1.10	0.526	2.66	0.606	0.496	1.60	3.37	6.06	2.66	1987
1988	2.72	2.41	4.72	6.66	2.20	0.266	0.066	0.186	0.247	0.626	2.64	1.20	1.92	1988
MEAN	1.66	2.73	7.66	8.13	2.61	0.656	0.907	0.664	1.17	1.66	2.71	2.76	2.91	MEAN

LOCATION - LAT 44 23 46 N DRAINAGE AREA, 262 km²
LONG 76 04 16 W NATURAL FLOW

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	23.1 AT 07:30 EST ON DEC 22	19.46 ON APR 3	0.450 ON SEP 16	92 300	1967
1968	47.0 AT 04:00 EST ON MAR 27	37.16 ON MAR 27	0.076 ON SEP 1	84 300	1968
1969	46.06 AT 06:35 EST ON MAR 21	41.36 ON MAR 21	0.193 ON AUG 16	88 300	1969
1970	54.66 AT 13:30 EST ON APR 9	39.76R ON APR 9	0.207 ON JUN 16	73 300	1970
1971	36.6 AT 22:30 EST ON APR 11	36.06 ON APR 10	0.241 ON JUN 20	76 400	1971
1972	52.7 AT 16:56 EST ON APR 17	44.76 ON APR 16	0.323 ON SEP 6	86 600	1972
1973	61.3 AT 00:40 EST ON MAR 6	37.4 ON MAR 6	0.184 ON JUL 24	113 000	1973
1974	---	56.06 ON MAR 6 *	0.326 ON JUN 26	112 000	1974
1975	56.6 AT 06:11 EST ON APR 16	46.16 ON FEB 26	0.116 ON JUL 16	71 200	1975
1976	60.06 AT 06:26 EST ON MAR 21	52.76 ON MAR 21	0.3626 ON FEB 9	86 000	1976
1977	63.4 AT 11:46 EST ON MAR 13	52.7 ON MAR 13	0.166 ON JUL 26	76 400	1977
1978	46.6 AT 22:06 EST ON APR 11	40.2 ON APR 13	0.061 ON JUL 16	86 600	1978
1979	46.6 AT 06:30 EST ON MAR 26	40.7 ON MAR 26	0.266 ON JUL 23	91 700	1979
1980	---	33.06 ON MAR 21	0.323 ON JUL 16	84 200	1980
1981	70.56 AT 04:01 EST ON FEB 16 *	62.06 ON FEB 16	0.360 ON JUN 21	86 600	1981
1982	64.6 AT 16:46 EST ON MAR 31	36.1 ON MAR 31	0.361 ON AUG 16	106 000	1982
1983	16.2 AT 16:06 EST ON MAY 6	11.16 ON FEB 4	0.166 ON JUL 26	71 600	1983
1984	---	31.06 ON FEB 16	0.106 ON AUG 6	86 206	1984
1985	---	46.56 ON FEB 26	0.216 ON JUL 1	126 000	1985
1986	46.6 AT 11:16 EST ON SEP 12	36.0 ON SEP 12	0.366 ON JUL 26	126 000	1986
1987	36.6 AT 06:26 EST ON APR 6	26.7 ON APR 6	0.236 ON SEP 11	66 706	1987
1988	---	16.76 ON MAR 26	0.066 ON JUL 16 *	66 706	1988
				91 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.210	0.174	0.196	0.330	0.340	---	1966
1969	0.446	0.369	1.21	0.966	0.694	0.297	0.307	0.173	0.163	0.214	0.326	0.276	0.446	1969
1970	0.302	0.324	0.616	1.56	0.433	0.132	0.174	0.200	0.233	0.264	0.360	0.643	0.444	1970
1971	0.322	0.276	0.776	1.34	0.256	0.141	0.124	0.181	0.066	0.113	0.173	0.264	0.333	1971
1972	0.240	0.291	0.436	2.67	0.317	0.366	0.201	0.204	0.164	0.322	0.462	0.644	0.604	1972
1973	1.09	0.666	1.71	1.07	0.646	0.264	0.176	0.177	0.173	0.242	0.469	0.416	0.692	1973
1974	1.16	0.660	1.67	1.33	0.907	0.246	0.276	0.167	0.166	---	---	---	---	1974
1975	0.302	0.746	1.26	1.06	0.666	0.200	0.160	0.166	0.220	0.267	0.316	0.300	0.466	1975
1976	0.276	1.16	1.66	0.612	0.602	---	---	0.306	0.241	0.406	0.321	0.267	---	1976
1977	0.326	0.327	1.66	0.712	0.264	0.166	0.160	0.477	0.614	1.11	0.746	0.663	0.627	1977
1978	0.446	0.462	0.666	2.66	0.762	0.272	0.166	0.266	0.306	0.363	0.462	0.464	0.630	1978
1979	0.447	0.330	2.43	1.16	0.716	0.266	0.231	0.267	0.266	0.466	0.672	1.16	0.716	1979
1980	0.606	0.236	1.16	1.64	0.632	0.324	0.666	0.262	0.372	0.636	0.646	0.666	0.617	1980
1981	0.327	1.63	0.732	0.666	0.646	0.374	0.466	0.620	0.634	0.713	0.666	0.642	0.676	1981
1982	0.466	0.262	2.06	1.46	0.476	0.261	0.322	0.271	0.362	0.363	1.03	1.26	0.767	1982
1983	0.607	0.650	0.901	1.06	0.636	0.252	0.216	0.227	0.246	0.262	0.466	0.442	0.646	1983
1984	0.243	1.66	1.17	0.614	0.636	0.344	0.223	0.134	0.260	0.266	0.431	0.463	0.642	1984
1985	0.226	1.06	0.966	1.32	0.406	0.326	0.222	0.260	0.267	0.296	0.667	0.406	0.634	1985
1986	0.344	0.364	2.63	1.36	0.663	0.619	0.622	0.436	3.47	0.620	0.393	0.376	1.01	1986
MEAN	0.460	0.662	1.37	1.32	0.664	0.316	0.296	0.266	0.446	0.403	0.616	0.627	0.662	MEAN

LOCATION - LAT 44 02 56 N DRAINAGE AREA, 66.0 km² DATA CONTRIBUTED BY -
LONG 79 46 10 W REGULATED ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REGULATION BY SMALL MILLS. NO DATA PUBLISHED FOR 1987

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	7.19 ON MAR 21	0.014 ON AUG 30 *	14 100	1969
1970	8.91 AT 23:00 EST ON APR 8	8.09 ON APR 8	0.034 ON JUL 8	14 000	1970
1971	7.85E AT 18:30 EST ON APR 2	5.85E ON APR 2	0.071 ON JUL 4	10 500	1971
1972	19.6 E AT 18:48 EST ON APR 13	15.1 E ON APR 13	0.1088 ON JAN 8	15 000	1972
1973	8.89 AT 17:38 EST ON JAN 18	5.55 ON JAN 19	0.088 ON JUN 15	18 700	1973
1974	22.7 AT 02:48 EST ON MAR 5 *	14.0 ON MAR 5	0.089 ON JUL 17	---	1974
1975	18.3 AT 05:41 EST ON APR 19	9.97 ON APR 19	0.139 ON SEP 22	15 400	1975
1976	8.51 AT 23:47 EST ON MAR 20	8.72 ON MAR 20	---	---	1976
1977	13.5 AT 20:25 EST ON MAR 8	8.81 ON MAR 5	0.113 ON JUN 24	19 600	1977
1978	14.7 AT 20:47 EST ON APR 7	10.8 ON APR 7	0.164 ON JUL 11	19 900	1978
1979	---	17.0 ON MAR 5 *	0.133 ON SEP 28	22 800	1979
1980	---	7.08 ON MAR 21	0.048 ON JUL 8	19 800	1980
1981	---	8.10 ON FEB 20	0.250 ON JUN 9	21 400	1981
1982	15.0 AT 08:50 EST ON MAR 31	13.2 ON MAR 31	0.205 ON SEP 11	23 900	1982
1983	7.51 AT 14:32 EST ON FEB 3	5.93 ON FEB 3	0.173 ON AUG 17	17 300	1983
1984	18.9 AT 10:30 EST ON FEB 14	13.8 ON FEB 14	0.027 ON AUG 17	17 100	1984
1985	---	10.0 E ON FEB 24	0.134 ON JAN 15	18 800	1985
1986	---	10.8 E ON MAR 19	0.143 ON SEP 9	32 000	1986
				18 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	2.05	2.01	1.81	1.48	1.64	---	1973
1974	1.33	1.36	1.19	1.44	4.82	7.87	4.73	2.81	2.14	1.71	1.87	1.82	2.70	1974
1975	1.53	1.33	1.22	1.18	1.79	2.07	1.52	1.07	0.888	0.789	0.773	0.758	1.24	1975
1976	0.775	0.746	0.788	1.85	1.87	1.40	1.04	0.834	0.211	0.083	0.098	0.181	0.787	1976
1977	0.223	0.327	0.471	0.720	1.11	1.23	1.45	0.757	1.21	0.854	1.08	1.45	0.919	1977
1978	1.31	1.08	0.834	1.15	2.19	3.56	2.75	2.02	1.60	1.07	0.740	0.788	1.58	1978
MEAN	1.03	0.971	0.821	1.23	2.38	3.19	2.30	1.56	1.31	1.07	0.970	1.02	1.45	MEAN

LOCATION - LAT 49 53 10 N
LONG 80 55 50 W
DRAINAGE AREA, 189 km^2
NATURAL FLOW

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	9.32 ON JUN 8 *	1.07 B ON APR 1	85 300	1974
1975	2.38 AT 07:48 CST ON JUN 14	2.34 ON JUN 14	0.725 ON DEC 12	38 100	1975
1976	2.52 AT 01:42 CST ON APR 19	2.48 ON APR 19	0.031 ON NOV 17 *	24 800	1976
1977	1.83 AT 23:00 CST ON JUL 19	1.72 ON JUL 19	0.184 ON JAN 1	29 000	1977
1978	4.22 AT 18:21 CST ON JUN 8 *	4.11 ON JUN 8	0.687 ON NOV 15	50 000	1978
				45 700	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02EF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	1.83	0.855	0.159	0.069	0.032	0.121	0.288	0.438	0.405	---	1971
1972	0.170	0.123	0.187	1.58	1.07	0.053	0.030	0.128	0.086	0.232	0.312	0.127	0.338	1972
1973	0.528	0.228	1.37	0.811	0.557	0.388	0.318	0.188	0.181	0.380	0.734	0.218	0.489	1973
1974	0.080	0.034	0.153	1.46	0.317	0.488	0.100	0.408	0.327	0.383	0.888	0.135	0.372	1974
1975	0.189	0.118	0.235	1.34	0.938	0.544	0.078	0.028	0.205	0.134	0.408	0.430	0.387	1975
1976	0.073	0.088	0.861	1.82	0.187	0.078	0.022	0.021	0.022	0.050	0.088	0.041	0.280	1976
1977	0.035	0.034	1.07	1.83	0.182	0.101	0.301	0.228	0.448	0.455	0.888	0.237	0.483	1977
1978	0.080	---	---	---	---	---	---	---	---	---	---	---	---	1978
MEAN	0.182	0.100	0.813	1.52	0.588	0.258	0.131	0.148	0.193	0.288	0.502	0.237	0.388	MEAN

LOCATION - LAT 46 31 53 N
LONG 84 23 51 W
DRAINAGE AREA, 18.8 km^2
NATURAL FLOW

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02BF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	4.42 AT 04:21 EST ON APR 20	3.84 ON APR 20	0.007 ON SEP 4	---	1971
1972	8.88 AT 05:05 EST ON MAY 3	5.76 ON MAY 2	0 ON JUL 1 *	10 600	1972
1973	5.66 AT 03:24 EST ON NOV 22	3.78 ON NOV 22	0 E ON AUG 12	15 400	1973
1974	---	3.78 ON APR 22	0.008 ON JUL 25	11 700	1974
1975	10.6 AT 08:55 EST ON MAY 1 *	7.84 ON MAY 1 *	0.015 ON AUG 20	12 200	1975
1976	---	4.258 ON MAR 28	0.005E ON AUG 26	8 200	1976
1977	6.00 AT 00:16 EST ON APR 18	4.47 ON APR 18	0.017 ON JUN 16	15 200	1977
1978	---	---	---	---	1978
				12 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	15.8	11.3	9.75	64.8	104	36.5	21.2	13.1	23.0	28.5	23.7	13.1	30.3	1980
1981	8.80	8.66	7.46	15.5	66.3	88.7	31.5	12.0	25.5	60.7	48.8	27.0	31.5	1981
1982	17.4	14.7	12.3	23.1	188	155	89.6	84.1	36.9	34.4	31.2	22.8	66.2	1982
1983	15.2	11.2	9.91	17.3	48.3	86.9	118	32.0	15.2	24.4	28.4	19.8	35.7	1983
1984	14.5	12.2	8.81	64.9	138	114	82.2	25.2	18.2	33.9	45.4	26.7	45.3	1984
1985	17.8	13.1	10.4	44.8	150	181	157	134	82.7	82.3	48.7	24.3	78.4	1985
1986	16.7	13.4	11.3	88.8	187	46.0	27.3	31.7	36.3	88.1	41.0	28.5	50.3	1986
1987	18.4	13.8	11.0	127	84.3	88.5	21.2	12.5	9.28	8.86	10.5	8.28	32.7	1987
1988	8.86	8.73	8.21	13.2	82.4	24.8	21.1	10.3	14.8	27.8	23.4	15.3	19.0	1988
MEAN	14.8	11.3	8.87	48.8	114	86.4	57.8	37.2	28.1	41.8	33.8	20.8	42.2	MEAN

LOCATION - LAT 51 48 45 N, LONG 83 31 00 W
DRAINAGE AREA, 8 730 km^2
NATURAL FLOW

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	192 AT 18:26 CST ON APR 30	181 ON APR 30	8.858 ON MAR 17	960 000	1980
1981	133 AT 13:14 CST ON JUN 20	133 ON JUN 20	8.198 ON FEB 24	994 000	1981
1982	264 AT 15:56 CST ON MAY 21	262 ON MAY 21	10.2 B ON APR 6	1 770 000	1982
1983	214 AT 01:20 CST ON JUN 29	213 ON JUN 29	9.028 ON APR 7	1 120 000	1983
1984	188 AT 18:28 CST ON JUN 10	187 ON JUN 10	8.518 ON APR 4	1 430 000	1984
1985	355 AT 17:48 CST ON JUN 30 *	354 ON JUN 30 *	9.428 ON APR 4	2 470 000	1985
1986	323 AT 19:11 CST ON MAY 1	320 ON MAY 1	10.3 B ON MAR 20	1 680 000	1986
1987	238 AT 15:00 CST ON APR 21	238 ON APR 21	7.068 ON DEC 31	1 030 000	1987
1988	93.6 AT 23:40 CST ON MAY 9	92.8 ON MAY 10	4.978 ON MAR 17 *	817 000	1988
				1 330 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.92	2.27	2.62	8.87	20.8	10.3	3.37	1.41	1.22	1.21	1.84	1.30	4.88	1979
1980	1.35	1.38	1.31	2.57	1.72	0.731	1.31	1.71	1.24	1.47	1.57	1.84	1.50	1980
1981	1.48	1.37	1.48	1.81	1.38	2.80	7.88	2.47	2.08	5.28	3.38	2.88	2.88	1981
1982	3.40	2.91	2.74	8.47	14.0	8.82	10.3	3.87	1.35	5.03	3.38	2.67	5.58	1982
1983	3.38	2.88	3.34	4.81	7.41	7.81	4.82	1.01	0.788	0.884	1.09	1.32	3.30	1983
1984	1.23	1.34	1.11	1.88	1.70	2.88	2.23	0.698	0.842	1.88	1.87	1.88	1.87	1984
1985	1.87	1.87	1.83	9.04	27.0	12.0	8.87	4.01	5.88	8.20	2.48	2.87	7.00	1985
1986	2.83	2.75	2.88	9.83	31.7	4.88	4.38	1.58	0.871	0.978	1.47	1.38	4.80	1986
1987	1.32	1.23	1.70	5.82	4.28	5.88	0.734	0.804	0.481	0.340	0.478	0.338	1.93	1987
1988	0.382	0.383	0.808	1.18	0.741	0.868	2.81	0.417	0.148	0.083	0.307	0.378	0.888	1988
MEAN	1.88	1.81	1.88	5.22	10.1	5.87	4.73	1.80	1.48	2.33	1.77	1.81	3.38	MEAN

LOCATION - LAT 49 26 30 N, LONG 83 58 00 W
DRAINAGE AREA, 744 km^2
REGULATED SINCE 1978

REMARKS - STATION MOVED BELOW CONTROL DAM 1981. DOWNSTREAM CONTROL ALTERED BY BRIDGE CONSTRUCTION 1984.

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	27.2 AT 13:41 CST ON MAY 2	27.0 ON MAY 2	0.769 ON OCT 27	145 000	1978
1980	4.31 AT 20:11 CST ON APR 17	3.88 ON APR 25	0.403 ON JUN 30	47 400	1980
1981	15.8 AT 11:00 CST ON JUL 6	15.0 ON JUL 7	0.470 ON MAY 20	81 000	1981
1982	23.1 AT 10:11 CST ON APR 27	20.0 ON APR 28	0.550A ON JUN 29	178 000	1982
1983	11.4 AT 13:28 CST ON JUN 30	10.4 ON JUL 1	0.550 ON SEP 24	104 000	1983
1984	4.33 AT 21:07 CST ON JUL 13	3.80 ON JUN 27	0.204 ON SEP 2	49 800	1984
1985	32.4 AT 17:09 CST ON MAY 17	32.0 ON MAY 17	0.258 ON NOV 20	220 000	1985
1986	35.3 AT 13:28 CST ON MAY 5 *	33.7 ON MAY 5 *	0.728A ON SEP 18	145 000	1986
1987	---	9.08E ON JUN 8	0.209 ON JUL 4	80 900	1987
1988	8.36 AT 10:00 CST ON JUL 19	8.09 ON JUL 20	0.065 ON OCT 31 *	21 700	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		108 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	0.449	2.31	1.72	0.823	---	1978
1980	0.815	0.283	0.224	3.85	0.300	0.558	0.184	0.188	0.218	0.897	0.748	0.388	0.658	1980
1981	0.189	0.662	1.91	3.18	0.514	0.808	0.190	0.151	0.088	0.628	0.467	0.455	0.798	1981
1982	0.224	0.180	0.248	3.81	1.81	0.184	0.084	0.092	0.838	1.15	1.44	1.51	0.885	1982
1983	0.488	0.280	1.37	2.02	1.24	0.727	0.103	0.083	0.105	0.847	0.788	0.415	0.880	1983
1984	0.249	0.281	0.308	1.33	0.481	0.525	0.348	0.244	1.14	0.820	1.88	1.18	0.721	1984
1985	0.378	0.304	1.34	5.36	1.24	0.808	0.130	0.183	0.588	0.743	1.24	0.448	1.04	1985
1986	0.256	0.188	0.850	3.42	0.292	0.957	0.170	0.359	1.23	1.20	0.889	0.807	0.884	1986
1987	0.296	0.187	1.87	0.847	0.478	0.170	0.333	0.545	0.281	1.73	1.82	1.78	0.850	1987
1988	0.272	0.215	1.98	5.89	0.452	0.085	0.038	0.401	0.353	1.82	3.44	0.795	1.29	1988
MEAN	0.328	0.288	1.12	3.28	0.735	0.512	0.173	0.281	0.637	1.17	1.40	0.817	0.889	MEAN

LOCATION - LAT 46 31 02 N DRAINAGE AREA, 51.5 km^2
LONG 84 27 52 W

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1980	21.5 AT 02:03 EST ON APR 9 *	17.6 ON APR 9	0.057E ON AUG 6	20 800	1980
1981	16.3 AT 15:38 EST ON APR 4	15.2 ON APR 4	0.043 ON SEP 6	24 200	1981
1982	17.0 AT 09:03 EST ON APR 28	15.4 ON APR 28	0.032 ON JUL 29	30 100	1982
1983	15.4 AT 22:36 EST ON APR 14	8.27 ON APR 15	0.034 ON SEP 4	21 400	1983
1984	15.8 AT 10:44 EST ON SEP 13	11.8 ON SEP 13	0.060 ON AUG 21	22 800	1984
1985	---	13.4 E ON APR 23	0.052 ON AUG 4	32 800	1985
1986	---	10.6 ON JUN 12	0.064 ON SEP 3	27 200	1986
1987	11.9 AT 08:12 EST ON DEC 10	9.00 ON DEC 10	0.035 ON JUL 7	28 600	1987
1988	---	24.8 ON APR 8 *	0.025E ON JUL 12 *	40 900	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		27 800	MEAN

E - ESTIMATED

BIG CREEK NEAR DELHI - STATION NO. 02GC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	2.20	3.18	3.37	---	1955
1956	2.36	3.43	14.0	8.15	11.3	2.80	1.88	2.27	5.40	2.57	2.15	4.05	5.04	1956
1957	4.80	4.87	5.76	7.84	3.95	1.72	2.26	1.75	2.03	2.14	3.76	8.44	4.20	1957
1958	3.56	2.77	8.23	4.68	1.95	1.88	1.65	1.10	1.48	1.74	1.87	1.90	2.57	1958
1959	3.51	4.48	10.6	7.15	3.76	1.67	0.780	1.51	1.70	2.17	3.47	5.05	3.84	1959
1960	3.13	4.80	8.31	10.4	6.53	3.18	1.74	1.59	1.23	1.48	1.78	1.53	4.13	1960
1961	1.42	3.08	4.14	5.58	4.63	2.82	1.61	1.93	1.38	1.34	2.00	1.74	2.83	1961
1962	2.30	2.11	7.09	3.78	1.91	1.48	0.973	1.41	1.31	1.70	3.47	2.84	2.60	1962
1963	1.84	1.62	7.41	4.81	3.10	1.38	0.800	1.07	1.01	1.00	1.14	1.05	2.18	1963
1964	1.41	1.50	3.83	4.40	3.08	1.48	1.18	2.80	1.78	1.43	1.48	2.58	2.21	1964
1965	3.53	5.56	13.5	12.4	3.12	1.83	1.18	1.17	1.19	1.78	2.35	3.58	4.85	1965
1966	2.71	4.07	8.87	4.54	3.43	2.08	0.851	1.25	1.38	1.32	2.08	8.78	3.12	1966
1967	4.16	3.48	5.57	7.53	4.33	2.22	2.20	1.53	1.52	1.77	2.76	4.11	3.43	1967
1968	3.49	8.18	8.25	3.98	2.43	3.15	2.13	1.53	1.74	1.56	2.30	3.88	3.45	1968
1969	8.73	5.87	4.64	9.13	8.17	3.14	1.63	1.18	1.23	1.43	1.92	1.98	3.88	1969
1970	1.81	2.32	4.43	5.87	2.78	1.80	1.52	0.821	1.28	1.71	3.26	4.73	2.64	1970
1971	3.06	3.46	8.96	5.58	3.11	1.26	0.717	0.735	0.863	0.875	1.00	1.89	2.54	1971
1972	2.80	1.71	8.60	8.83	4.46	2.63	2.86	2.54	1.58	2.06	3.55	4.87	3.86	1972
1973	5.23	4.09	14.2	7.86	4.27	2.72	1.75	1.38	1.18	1.51	4.66	5.13	4.80	1973
1974	7.38	6.50	8.80	8.76	6.58	3.34	2.08	1.88	1.48	1.86	2.50	2.70	4.28	1974
1975	3.70	4.93	8.71	6.80	3.23	2.73	1.18	1.53	3.37	2.62	3.24	4.87	3.81	1975
1976	4.04	10.9	14.7	7.12	7.29	2.89	2.89	2.65	1.63	1.96	2.28	2.17	5.13	1976
1977	1.74	1.81	10.3	8.81	3.04	1.86	1.34	1.42	4.70	6.52	4.65	8.63	4.42	1977
1978	4.75	3.28	10.8	11.8	5.28	2.43	1.10	1.61	1.90	2.11	2.43	3.40	4.26	1978
1979	3.48	2.85	10.5	12.2	5.26	2.81	1.82	2.10	1.77	2.48	4.46	7.14	4.74	1979
1980	6.03	2.43	8.06	10.2	4.98	3.21	2.11	2.07	2.67	3.63	3.00	4.28	4.38	1980
1981	2.45	10.0	5.47	5.08	3.80	2.37	1.03	1.97	5.45	4.77	4.16	3.27	4.10	1981
1982	3.39	2.03	14.0	11.5	3.70	8.06	1.78	1.65	2.06	2.27	5.38	8.80	5.24	1982
1983	5.10	6.20	4.84	6.55	6.78	3.44	2.01	7.55	2.78	2.67	3.66	8.12	5.00	1983
1984	3.84	13.3	8.28	9.33	5.82	7.26	3.45	1.58	2.42	1.77	3.22	4.28	5.31	1984
1985	4.82	5.56	16.5	10.4	3.83	2.81	1.66	1.62	3.08	6.24	14.2	8.78	6.87	1985
1986	6.89	4.71	12.6	7.56	5.61	3.62	2.26	2.03	2.67	5.88	4.04	7.84	5.36	1986
1987	6.06	3.37	6.73	7.85	3.75	1.88	1.43	1.36	1.43	1.84	2.08	4.10	3.31	1987
1988	2.46	3.81	5.37	4.71	3.02	1.24	2.07	5.17	2.16	3.71	6.24	4.81	3.89	1988
MEAN	3.73	4.75	8.88	7.87	4.36	2.84	1.73	1.82	2.08	2.40	3.35	4.46	3.96	MEAN

LOCATION - LAT 42 50 15 N DRAINAGE AREA, 383 km²
LONG 80 30 36 W REGULATED

BIG CREEK NEAR DELHI - STATION NO. 02GC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	88.4 AT 08:00 EST ON MAR 8	48.2 ON MAR 8	0.170 ON AUG 19	158 000	1955
1956	34.5 AT 15:00 EST ON APR 7	30.0 ON APR 7	0.906 ON AUG 24	133 000	1956
1957	---	8.15 ON MAR 25	0.425 ON AUG 5	81 200	1957
1958	---	22.2 B ON MAR 21	0.283 ON AUG 5	121 000	1958
1959	97.8 AT 08:00 EST ON MAR 31	91.2 ON MAR 31	0.988 ON JUL 13	131 000	1959
1960	---	10.3 ON APR 28	0.705 ON JUL 24	82 600	1960
1961	---	25.1 ON MAR 13	0.515 ON JUL 11	81 800	1961
1962	---	14.0 ON MAR 28	0.399 ON JUL 13	88 100	1962
1963	11.3 AT 15:00 EST ON APR 8	8.41 ON APR 8	0.331 ON AUG 1	88 800	1963
1964	148 AT 02:00 EST ON MAR 7 *	108 ON MAR 8 *	0.308 ON JUL 30	143 000	1964
1965	24.8 AT 23:30 EST ON DEC 10	21.8 ON DEC 11	0.422 ON JUL 20	88 500	1965
1966	26.8 AT 15:30 EST ON APR 4	18.1 ON APR 4	1.02 ON AUG 2	108 000	1966
1967	61.4 AT 13:00 EST ON FEB 3	54.4 ON FEB 3	1.08 E ON JUL 31	109 000	1967
1968	81.7 AT 15:20 EST ON JAN 31	51.3 ON JAN 31	0.798 ON AUG 15	122 000	1968
1969	14.0 AT 20:03 EST ON APR 4	13.0 ON APR 4	0.804 ON AUG 10	83 200	1969
1970	26.4 AT 09:38 EST ON MAR 17	22.7 ON MAR 17	0.150 ON AUG 8	80 200	1970
1971	20.0 AT 15:52 EST ON APR 18	18.3 ON MAR 23	1.32 ON JUN 18	125 000	1971
1972	37.9 AT 03:32 EST ON MAR 15	31.1 ON MAR 15	0.637 ON JUL 19	142 000	1972
1973	43.0 AT 15:20 EST ON JAN 28	30.6 E ON MAR 6	1.13 ON AUG 28	135 000	1973
1974	24.0 AT 07:15 EST ON MAR 21	21.8 ON MAR 21	0.711 ON JUL 27	123 000	1974
1975	82.8 AT 23:36 EST ON MAR 6	49.0 ON MAR 6	1.36 E ON SEP 7	162 000	1975
1976	33.7 AT 18:17 EST ON MAR 14	28.5 ON MAR 14	0.467 ON JUL 31	138 000	1976
1977	43.8 AT 04:04 EST ON MAR 24	40.8 ON MAR 24	0.433 ON JUL 21	134 000	1977
1978	53.0 AT 13:21 EST ON APR 15	50.0 E ON MAR 5	0.986 ON JUL 20	149 000	1978
1979	45.4 AT 00:38 EST ON MAR 23	33.5 ON MAR 22	0.900 ON JUL 21	139 000	1979
1980	32.1 AT 08:08 EST ON FEB 20	31.1 ON FEB 20	0.614 ON JUL 18 *	128 000	1980
1981	46.5 AT 18:43 EST ON APR 1	38.7 ON APR 1	0.181 ON JUL 26	185 000	1981
1982	16.4 AT 13:14 EST ON AUG 11	15.6 ON AUG 3	0.270 ON JUL 19	158 000	1982
1983	47.0 AT 21:04 EST ON FEB 15	43.6 ON FEB 15	0.851 ON AUG 28	148 000	1983
1984	89.8 AT 03:28 EST ON FEB 28	57.0 ON FEB 28	0.242 ON AUG 2	217 000	1984
1985	36.6 AT 23:52 EST ON MAR 20	29.7 ON MAR 20	1.17 ON JUL 31	189 000	1985
1986	28.3 AT 07:00 EST ON APR 7	23.8 ON APR 7	0.684 ON JUL 22	104 000	1986
1987	---	22.0 E ON AUG 2	0.413 ON JUL 12	117 000	1987
1988				136 000	1988
MEAN					MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	0.322	0.244	1.74	1.92	1.18	0.272	0.292	0.929	0.424	0.085 0.192	0.120 0.220	0.118 0.884	--- 0.711	1984
1985	1.13	4.01	4.22	5.12	1.02	0.184	0.102	0.068	0.078	0.285	0.609	1.46	1.50	1985
1986	1.03	1.86	3.21	1.92	1.15	0.488	0.081	0.083	0.103	0.105	0.432	2.85	1.09	1986
1987	1.85	0.843	2.82	3.84	1.46	0.353	0.520	0.180	0.108	0.383	1.06	2.22	1.28	1987
1988	0.721	4.73	3.37	1.46	0.671	0.883	0.461	0.121	0.237	0.315	0.628	1.71	1.28	1988
1989	4.17	2.36	2.53	4.32	2.53	0.882	0.181	0.084	0.082	0.108	0.328	0.431	1.50	1989
1970	0.284	0.718	2.41	2.85	1.02	0.311	0.211	0.181	0.120	0.318	1.21	2.17	0.983	1970
1971	0.909	1.67	5.58	3.73	0.703	0.270	0.081	0.080	0.101	0.113	0.140	0.847	1.07	1971
1972	0.814	0.437	4.84	4.80	1.84	0.710	0.970	1.30	0.188	0.611	2.02	2.46	1.74	1972
1973	3.03	1.74	7.46	3.98	1.57	0.848	0.515	0.242	0.074	0.207	2.88	2.71	2.08	1973
1974	4.46	2.89	4.37	3.26	2.83	1.09	0.500	0.151	0.128	0.182	0.744	1.01	1.81	1974
1975	1.81	2.87	4.55	3.27	1.07	0.789	0.159	0.278	1.47	0.842	1.27	2.31	1.70	1975
1976	1.46	5.86	7.79	2.82	2.87	0.783	1.66	0.842	0.338	0.512	0.724	0.719	2.26	1976
1977	0.250	0.336	6.21	2.65	0.824	0.347	0.202	0.227	1.71	2.84	2.00	4.91	1.87	1977
1978	1.43	0.831	5.48	---	---	---	---	---	---	---	---	---	---	1978
MEAN	1.58	2.13	4.50	3.20	1.48	0.572	0.414	0.335	0.388	0.488	0.969	1.77	1.48	MEAN

LOCATION - LAT 42 58 12 N DRAINAGE AREA, 142 km²
LONG 80 26 42 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	4.13 AT 18:00 EST ON APR 7	3.94 ON APR 8	0.042 ON AUG 1	22 500	1984
1985	54.1 AT 01:00 EST ON FEB 11	38.2 ON FEB 11	0.006 ON JUL 31	47 400	1985
1986	16.9 AT 08:00 EST ON DEC 11	11.8 ON DEC 11	0 ON JUL 21 *	34 300	1986
1987	26.2 AT 14:00 EST ON APR 3	15.4 ON APR 3	0.068 ON SEP 15	40 500	1987
1988	63.0 AT 19:00 EST ON FEB 2	36.1 ON FEB 2	0.091 ON JUL 30	40 400	1988
1989	82.0 AT 04:30 EST ON JAN 31 *	43.0 ON JAN 31 *	0.016 ON AUG 18	47 300	1989
1970	11.7 AT 00:14 EST ON APR 4	9.48 ON APR 4	0.071 ON AUG 25	31 000	1970
1971	26.0 AT 07:26 EST ON MAR 16	20.4 ON MAR 16	0 ON AUG 8	33 800	1971
1972	31.4 AT 13:26 EST ON MAR 23	17.4 ON MAR 23	0.142 ON SEP 22	54 900	1972
1973	38.3 AT 07:13 EST ON MAR 15	22.0 ON MAR 15	0.068 ON SEP 4	64 500	1973
1974	44.6 AT 22:59 EST ON JAN 27	27.1 ON JAN 28	0.088 ON AUG 28	57 200	1974
1975	21.7 AT 11:37 EST ON MAR 20	17.6 ON MAR 20	0.054 ON AUG 2	53 800	1975
1976	81.3 AT 08:43 EST ON MAR 6	41.1 ON MAR 6	0.173 ON SEP 9	71 800	1976
1977	27.8 AT 21:38 EST ON MAR 13	18.6 ON MAR 13	0.091 ON JUL 28	58 100	1977
1978	38.6 AT 00:09 EST ON MAR 23	34.3 ON MAR 23	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		47 000	MEAN

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	13.3	8.74	9.08	---	1945
1946	11.8	11.7	17.0	8.32	8.33	7.02	6.30	5.42	4.25	3.93	4.20	6.05	7.82	1946
1947	12.3	7.82	11.8	19.6	12.1	13.0	8.88	5.88	5.31	3.85	3.85	3.88	8.74	1947
1948	---	---	14.9	10.2	10.7	8.99	---	---	---	---	---	---	---	1948
MEAN	12.1	9.88	14.5	12.0	9.71	8.67	6.48	5.64	4.73	6.93	5.83	6.33	8.13	MEAN

LOCATION - LAT 42 36 00 N DRAINAGE AREA, 899 km²
LONG 80 31 00 W NATURAL FLOW

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	237 000	1946
1947	---	38.6 ON MAR 7	3.34 ON OCT 10	375 000	1947
1948	---	38.0 ON APR 7 *	2.84 ON DEC 1 *	---	1948
		---	---	288 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	3.26	5.43	6.38	---	1955
1956	4.72	7.49	16.5	9.43	14.0	4.77	4.37	4.86	7.08	4.89	4.48	6.27	7.40	1956
1957	7.07	7.80	8.68	10.2	6.67	4.52	4.86	3.99	4.84	3.99	7.86	11.6	6.84	1957
1958	6.77	4.87	9.29	7.41	3.99	3.84	2.98	2.17	2.68	2.68	3.26	3.34	4.46	1958
1959	5.67	7.36	17.3	12.4	6.67	5.10	2.14	2.28	2.80	4.59	5.67	6.38	6.71	1959
1960	7.26	7.74	8.70	23.8	12.2	6.03	3.63	3.63	3.32	2.98	3.11	2.69	7.09	1960
1961	2.47	4.18	7.45	10.5	6.95	4.54	2.98	3.17	2.80	2.69	3.03	4.19	4.57	1961
1962	3.72	4.08	11.0	8.00	3.42	2.42	1.80	1.67	2.08	2.83	4.04	6.14	4.10	1962
1963	2.70	2.86	12.2	8.43	4.82	2.88	2.03	3.64	2.08	1.88	2.22	2.34	4.10	1963
1964	3.17	2.49	7.16	8.24	6.84	2.67	2.19	5.87	3.85	2.74	2.72	4.71	4.26	1964
1965	5.83	10.4	22.5	16.1	5.25	2.99	2.25	2.48	2.24	3.94	6.95	5.83	7.00	1965
1966	6.06	7.10	11.1	7.47	6.01	3.85	1.87	2.11	2.51	2.76	4.11	11.2	5.52	1966
1967	7.20	5.88	6.66	12.6	7.84	4.07	3.86	2.84	2.80	3.13	4.40	6.84	5.78	1967
1968	4.82	12.4	9.78	7.21	4.81	5.81	3.97	2.95	3.58	3.26	4.87	7.66	5.85	1968
1969	11.7	12.2	7.26	15.1	11.3	6.19	3.25	2.18	2.19	2.84	4.12	4.56	6.84	1969
1970	3.83	4.86	7.59	9.28	4.85	3.27	2.78	1.84	2.49	3.34	5.96	6.11	4.85	1970
1971	4.12	5.83	14.0	9.27	4.24	3.00	1.83	1.83	2.27	2.34	2.57	3.83	4.54	1971
1972	3.76	3.32	15.6	13.9	7.47	4.43	4.75	3.81	2.74	3.50	5.52	7.72	6.40	1972
1973	8.11	8.58	18.9	11.4	6.58	4.87	3.00	2.36	2.22	2.91	6.82	8.18	6.91	1973
1974	11.8	10.2	14.2	11.6	11.0	5.55	3.96	3.01	2.84	3.18	4.22	5.13	7.20	1974
1975	6.61	8.20	12.9	10.3	5.43	5.11	2.60	2.69	5.69	4.54	5.57	8.10	6.47	1975
1976	8.40	17.7	24.3	11.5	11.5	5.57	6.09	4.15	2.83	3.00	3.13	3.72	8.31	1976
1977	3.12	3.51	16.1	10.9	5.35	3.52	2.84	2.81	8.84	8.87	7.15	12.9	7.19	1977
1978	7.80	5.59	18.2	20.4	8.71	4.56	2.34	3.02	3.52	4.60	4.84	5.83	7.45	1978
1979	7.14	5.83	16.1	17.4	8.03	4.45	2.44	2.85	2.79	4.02	7.27	12.0	7.52	1979
1980	8.74	4.27	12.0	13.8	7.98	5.83	5.09	4.09	5.12	5.77	5.61	8.87	7.12	1980
1981	3.84	13.7	8.45	7.87	6.44	4.80	3.19	3.62	7.50	7.86	8.92	5.89	6.80	1981
1982	5.31	3.80	20.7	16.2	6.89	9.70	4.04	3.34	3.86	4.21	8.26	13.6	8.32	1982
1983	8.84	8.83	7.88	8.87	10.4	5.51	3.58	10.2	4.81	4.84	6.08	11.7	7.73	1983
1984	4.48	19.8	12.5	14.7	9.18	8.95	5.15	3.92	5.54	4.48	5.39	6.14	8.28	1984
1985	7.80	11.8	21.7	14.8	8.03	5.36	3.84	3.36	4.89	7.57	18.8	11.5	9.71	1985
1986	7.95	8.82	18.4	10.8	7.80	5.71	4.08	3.85	4.58	10.3	7.21	13.2	8.22	1986
1987	8.52	5.73	10.2	12.6	8.22	3.88	2.78	2.67	2.75	3.21	4.15	7.62	5.75	1987
1988	4.91	8.07	7.44	8.83	4.70	2.54	2.98	8.41	3.25	4.92	8.28	8.26	5.38	1988
MEAN	5.11	7.56	13.2	11.8	7.24	4.72	3.32	3.46	3.71	4.14	5.50	7.35	6.50	MEAN

LOCATION - LAT 42 41 05 N DRAINAGE AREA, 591 km²
LONG 80 32 15 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	38.6 ON MAR 11	2.58 ON AUG 3	234 000	1956
1957	---	27.8 ON APR 8	3.00 ON AUG 24	216 000	1957
1958	---	12.8 ON MAR 7	1.70 ON AUG 18	140 000	1958
1959	---	23.4 ON APR 4	1.70 ON AUG 4	212 000	1959
1960	---	65.7 ON APR 1	2.55 B ON DEC 11	224 000	1960
1961	---	19.7 ON APR 28	2.28 B ON FEB 1	144 000	1961
1962	---	28.8B ON MAR 14	1.83 ON JUL 18	130 000	1962
1963	---	27.0B ON MAR 20	1.22 ON JUL 13	129 000	1963
1964	---	21.1 ON MAY 9	1.14 ON AUG 1	138 000	1964
1965	---	173 ON MAR 8 *	1.73 ON JUL 30	221 000	1965
1966	28.8 AT 05:00 EST ON DEC 11	28.6 ON DEC 11	0.957 ON JUL 28	174 000	1966
1967	24.6 AT 16:00 EST ON APR 5	23.2 ON APR 5	2.17 ON AUG 3	182 000	1967
1968	133 B AT 11:30 EST ON FEB 4 *	65.1B ON FEB 4	1.66 ON JUL 31	183 000	1968
1969	91.7 AT 11:14 EST ON FEB 1	81.6 ON JAN 31	1.65 ON AUG 15	218 000	1969
1970	18.0 AT 13:55 EST ON APR 5	17.7 ON APR 5	1.31 ON AUG 11	153 000	1970
1971	31.7 AT 12:14 EST ON FEB 28	29.4 ON FEB 28	0.934 ON AUG 9 *	143 000	1971
1972	38.5B AT 15:03 EST ON MAR 2	28.3B ON MAR 2	2.15 B ON JAN 18	202 000	1972
1973	39.6 AT 13:21 EST ON MAR 17	38.2 ON MAR 17	1.72 ON JUL 20	218 000	1973
1974	57.5 AT 20:18 EST ON JAN 29	40.2 ON JAN 30	2.25 ON AUG 27	227 000	1974
1975	29.4 AT 15:55 EST ON MAR 22	28.3 ON MAR 22	1.53 ON AUG 2	204 000	1975
1976	67.1 AT 16:56 EST ON MAR 7	61.7 ON MAR 7	2.46 ON SEP 9	283 000	1976
1977	39.1 AT 16:36 EST ON MAR 13	38.6 ON MAR 13	1.73 ON JUL 30	227 000	1977
1978	63.6 AT 17:37 EST ON MAR 26	62.4A ON MAR 22	1.51 ON JUL 20	235 000	1978
1979	85.6 AT 11:50 EST ON MAR 6	54.0 ON MAR 6	1.30 ON JUL 25	237 000	1979
1980	40.2 AT 00:16 EST ON MAR 24	37.0 ON MAR 23	2.86 ON AUG 28	225 000	1980
1981	---	33.4 ON FEB 22	1.47 ON JUL 19	208 000	1981
1982	82.8 AT 08:55 EST ON MAR 14	69.2 ON MAR 14	1.92 ON [illegible] 24	262 000	1982
1983	24.6 AT 02:19 EST ON AUG 13	22.1 ON AUG 12	1.85 E ON JUL 28	244 000	1983
1984	55.5 AT 05:24 EST ON FEB 15	55.5 ON FEB 15	2.88 ON AUG 1	282 000	1984
1985	---	81.4E ON FEB 27	1.94 ON JUL 30	306 000	1985
1986	31.9E AT 08:17 EST ON MAR 22	30.3E ON MAR 22	2.96 ON SEP 9	260 000	1986
1987	---	23.8E ON APR 8	1.80 ON JUL 30	181 000	1987
1988	---	24.0 ON AUG 3	1.03 ON JUL 13	170 000	1988
				205 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02EC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	0.171	0.070	0.249	0.185	0.191	0.835	---	1964
1965	0.784	2.38	3.20	3.95	0.715	0.201	0.188	0.148	0.198	0.382	0.538	1.24	1.15	1965
1966	0.884	1.27	2.58	1.55	0.893	0.423	0.124	0.168	0.177	0.163	0.526	2.25	0.900	1966
1967	1.13	0.619	1.91	2.83	1.11	0.522	0.512	0.225	0.201	0.329	0.731	1.41	0.982	1967
1968	0.905	4.36	2.35	1.04	0.518	0.851	0.411	0.228	0.315	0.371	0.893	1.11	1.07	1968
1969	3.06	1.26	1.78	3.03	1.72	0.784	0.270	0.184	0.184	0.218	0.459	0.420	1.11	1969
1970	0.327	0.512	1.84	1.77	0.810	0.283	0.321	0.135	0.185	0.280	0.813	1.34	0.882	1970
1971	0.571	1.07	2.10	1.68	0.428	0.280	0.104	0.099	0.141	0.184	0.213	0.422	0.886	1971
1972	0.757	0.298	3.85	3.01	0.942	0.580	0.981	0.709	0.282	0.567	1.23	1.68	1.25	1972
1973	1.77	1.15	6.08	2.83	1.19	0.648	0.523	0.429	0.188	0.392	1.91	1.60	1.64	1973
1974	3.16	1.77	3.16	2.25	1.87	0.843	0.382	0.280	0.311	0.295	0.883	0.784	1.35	1974
1975	1.40	1.89	3.19	2.29	0.861	0.837	0.238	0.385	1.09	0.857	0.838	1.55	1.21	1975
1976	1.10	4.28	4.80	1.99	1.82	0.818	1.29	0.525	0.340	0.381	0.494	0.389	1.48	1976
1977	0.263	0.385	4.81	1.75	0.491	0.318	0.208	0.259	1.75	1.54	1.26	3.44	1.37	1977
1978	0.888	0.778	3.41	3.71	1.19	0.447	0.210	0.201	0.289	0.852	0.800	0.784	1.10	1978
1979	1.23	0.954	3.41	3.50	1.17	0.480	0.178	0.481	0.210	0.526	1.81	2.24	1.33	1979
1980	1.57	0.543	2.80	2.85	1.11	0.823	0.430	0.338	0.342	0.828	0.486	0.908	1.08	1980
1981	0.312	2.48	1.19	1.40	0.785	0.485	0.178	0.575	1.40	1.46	0.967	0.884	1.05	1981
1982	0.766	0.389	5.05	3.17	1.06	1.41	0.482	0.286	0.268	0.303	1.30	2.86	1.43	1982
1983	1.03	1.86	1.41	1.95	1.79	0.857	0.801	3.31	0.514	0.624	1.14	2.16	1.35	1983
1984	0.827	4.46	2.72	2.39	1.25	1.84	0.484	0.315	0.815	0.513	1.01	1.48	1.48	1984
1985	1.10	3.88	7.24	2.59	0.842	0.446	0.289	0.378	1.02	1.75	4.58	1.85	2.12	1985
1986	1.47	1.06	4.14	1.88	1.05	0.558	0.357	0.318	0.843	1.82	0.985	2.14	1.34	1986
1987	1.06	0.515	2.28	2.42	0.477	0.281	0.174	0.179	0.182	0.204	0.501	1.40	0.807	1987
1988	0.418	0.915	1.88	1.28	0.848	0.170	0.825	1.38	0.485	1.43	2.43	1.22	1.07	1988
MEAN	1.08	1.85	3.22	2.38	1.01	0.808	0.403	0.480	0.471	0.818	1.07	1.43	1.20	MEAN

LOCATION - LAT 42 57 55 N
LONG 80 32 35 W
DRAINAGE AREA, 93.2 km²
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02EC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	30.3 AT 20:00 EST ON FEB 10	24.8 ON MAR 6	0.003 ON JUL 29	38 100	1965
1966	15.6 AT 03:30 EST ON DEC 6	13.3 ON DEC 6	0.020 ON JUL 22	28 400	1966
1967	23.8 AT 13:30 EST ON APR 3	15.0 ON APR 3	0.034 ON AUG 15	30 300	1967
1968	38.6 AT 17:00 EST ON FEB 2	30.0 ON FEB 2	0.158 ON AUG 30	33 800	1968
1969	32.3 AT 18:02 EST ON JAN 30	25.1 ON JAN 30	0.068 ON AUG 18	35 100	1969
1970	7.84 AT 12:38 EST ON APR 3	7.02 ON APR 3	0.021 ON AUG 12	27 800	1970
1971	10.0 B AT 08:07 EST ON MAR 18	6.508 ON MAR 18	0 ON JUL 23 *	21 700	1971
1972	16.7 AT 19:48 EST ON MAR 22	11.8 ON MAR 23	0.170 ON AUG 8	39 800	1972
1973	25.5 AT 04:24 EST ON MAR 12	19.0 ON MAR 12	0.150 ON JUL 24	48 500	1973
1974	32.8 AT 17:36 EST ON JAN 27	18.2 ON MAR 5	0.185 ON JUL 28	42 500	1974
1975	11.4 AT 23:16 EST ON FEB 24	10.4 ON MAR 20	0.051 ON JUL 23	38 100	1975
1976	30.6 AT 23:39 EST ON MAR 5	16.4 ON MAR 6	0.261 ON SEP 8	48 700	1976
1977	26.2 AT 15:42 EST ON MAR 13	18.0 ON MAR 13	0 ON JUL 28	43 200	1977
1978	14.0 AT 13:17 EST ON MAR 24	12.7 ON MAR 23	0.027 ON JUL 20	34 600	1978
1979	17.9 AT 11:35 EST ON APR 14	12.2 ON APR 14	0 ON JUL 24	42 000	1979
1980	16.8 AT 21:52 EST ON MAR 21	11.7 ON MAR 18	0.241 ON AUG 28	33 100	1980
1981	16.8 AT 08:25 EST ON AUG 31	12.8 ON FEB 19	0.007 ON JUL 17	33 200	1981
1982	30.7 AT 14:29 EST ON MAR 31	18.8 ON MAR 31	0.178 ON AUG 19	46 100	1982
1983	13.7 AT 11:21 EST ON AUG 1	11.8 ON AUG 1	0.042 ON JUL 27	42 700	1983
1984	44.8 AT 15:30 EST ON FEB 14	28.5 ON FEB 14	0.174 ON JUL 31	48 900	1984
1985	59.1 AT 22:50 EST ON FEB 24 *	32.7 ON FEB 25 *	0.118 ON JUL 30	86 900	1985
1986	23.5 AT 22:35 EST ON MAR 19	13.0 ON MAR 19	0.186 ON SEP 9	42 300	1986
1987	15.8 AT 01:01 EST ON APR 5	11.4 ON APR 5	0.054 ON JUL 22	25 600	1987
1988	---	17.4 ON JUL 31	0.003 ON JUL 13	33 800	1988
				38 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.980	1.15	0.928	---	1980
1981	0.805	3.54	3.85	7.24	4.05	2.28	1.27	1.75	0.888	1.14	1.42	1.61	2.45	1981
1982	1.83	1.59	10.2	3.81	1.82	0.905	0.711	1.05	0.882	1.46	3.01	2.77	3.40	1982
1983	1.20	0.982	11.5	4.14	2.47	0.995	0.840	0.780	0.747	0.787	0.879	0.789	2.17	1983
1984	1.17	0.882	4.77	5.22	3.04	0.888	0.840	3.11	1.04	1.08	1.15	3.08	2.21	1984
1985	3.92	9.87	13.8	13.0	2.38	1.10	0.857	0.787	0.833	1.89	2.29	4.89	4.80	1985
1986	2.85	4.43	7.91	5.18	2.93	1.75	0.900	0.859	0.952	0.943	1.88	8.34	3.31	1986
1987	4.31	2.90	8.88	8.81	3.85	1.82	1.97	1.05	0.951	1.35	2.57	5.23	3.49	1987
1988	2.87	11.2	7.75	3.62	1.88	3.58	1.88	1.07	1.48	1.88	3.81	4.85	3.71	1988
1989	11.1	4.48	5.25	10.3	5.10	3.23	1.38	0.777	0.973	1.10	1.97	2.15	4.08	1989
1970	1.84	2.55	5.67	5.88	2.24	1.13	1.22	0.891	0.927	1.16	3.33	4.63	2.58	1970
1971	2.17	4.88	11.5	5.17	1.88	1.11	0.820	0.873	0.803	1.00	0.838	1.38	2.86	1971
1972	2.18	1.12	14.8	10.1	2.93	2.13	3.88	2.80	1.04	1.87	3.58	5.59	4.30	1972
1973	5.20	3.71	18.2	7.38	3.74	2.43	1.43	1.24	0.908	1.38	4.70	4.78	4.89	1973
1974	8.88	5.20	10.0	7.41	7.27	2.82	2.07	1.51	1.28	1.38	3.24	2.90	4.58	1974
1975	5.73	8.48	11.1	6.81	2.43	2.77	0.932	1.87	3.71	2.14	3.12	5.48	4.35	1975
1976	4.00	15.1	15.2	6.58	5.13	2.53	4.08	2.10	1.48	1.80	1.80	1.80	5.24	1976
1977	1.24	1.73	14.7	6.30	1.80	1.24	0.920	1.17	5.87	5.07	4.48	11.4	4.88	1977
1978	3.27	2.55	13.8	12.8	4.08	1.77	0.910	1.17	1.70	2.17	2.59	3.21	4.18	1978
1979	4.75	3.83	13.8	13.8	4.12	1.85	0.891	1.91	1.41	2.54	5.78	5.84	5.38	1979
1980	5.08	1.82	8.12	10.3	4.15	3.18	1.82	1.48	1.78	3.05	3.13	4.17	4.02	1980
1981	1.23	13.1	4.26	5.86	2.87	1.85	0.741	1.15	4.10	5.79	3.43	2.55	3.84	1981
1982	3.30	1.50	17.0	10.5	3.32	5.02	1.26	1.15	1.27	1.28	5.10	11.0	5.18	1982
1983	3.77	5.53	4.72	7.48	5.48	2.40	2.10	7.20	1.86	1.88	3.71	6.51	4.84	1983
1984	2.21	15.8	6.87	7.95	3.95	5.45	1.74	1.38	2.74	1.80	3.87	5.83	5.03	1984
1985	4.57	12.7	17.3	8.05	2.11	1.75	1.32	1.71	2.75	5.23	14.8	5.90	6.54	1985
1986	5.35	3.80	14.1	5.69	4.25	2.55	1.40	1.30	2.30	8.21	3.85	8.22	4.92	1986
1987	4.25	2.13	7.85	8.65	1.77	1.33	0.889	1.07	1.02	1.13	2.33	5.55	3.19	1987
1988	1.75	3.87	5.80	4.43	2.15	0.785	1.43	2.88	1.25	3.20	6.75	4.11	3.18	1988
MEAN	3.81	5.26	10.4	7.81	3.42	2.17	1.42	1.81	1.72	2.17	3.47	4.88	3.89	MEAN

LOCATION - LAT 42 51 40 N DRAINAGE AREA, 342 km²
LONG 80 43 10 W NATURAL FLOW

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	37.9 AT 08:56 EST ON APR 26	32.8 ON APR 26	0.493 ON JUL 23	77 800	1981
1982	76.2 AT 04:00 EST ON MAR 13	63.4 ON MAR 13	0.418 ON JUL 22	73 700	1982
1983	56.4 AT 04:15 EST ON MAR 18	48.8 ON MAR 18	0.258 ON JUL 11	68 800	1983
1984	18.7 AT 15:30 EST ON MAR 28	14.8 ON APR 7	0.268 ON JUL 27	70 000	1984
1985	148 AT 07:00 EST ON MAR 8	123 ON MAR 8 *	0.382 ON AUG 1	145 000	1985
1986	43.0 AT 13:30 EST ON DEC 8	41.3 ON DEC 8	0.133 ON JUL 24	104 000	1986
1987	33.4 AT 13:30 EST ON DEC 22	30.8 ON DEC 23	0.487 ON SEP 10	110 000	1987
1988	112 B AT 20:00 EST ON FEB 3	80.1B ON FEB 2	0.268 ON JUL 31	117 000	1988
1989	133 AT 05:00 EST ON JAN 31	101 ON JAN 31	0.418 ON AUG 21	128 000	1989
1970	32.0 AT 00:07 EST ON APR 3	25.2 ON APR 3	0.357 ON AUG 15	81 800	1970
1971	44.7 AT 07:10 EST ON FEB 26	40.5 ON MAR 16	0.082 ON AUG 8 *	83 800	1971
1972	41.8E ON MAR 22	41.8E ON MAR 22	0.750 ON SEP 2	138 000	1972
1973	73.3 AT 07:33 EST ON MAR 12	64.0 ON MAR 12	0.643 ON JUL 18	148 000	1973
1974	73.8 AT 13:05 EST ON JAN 28	66.5 ON JAN 28	1.01 ON AUG 21	145 000	1974
1975	45.8 AT 05:18 EST ON FEB 25	37.7 ON MAR 20	0.394 ON JUL 28	137 000	1975
1976	118 AT 04:27 EST ON MAR 6	95.7 ON MAR 6	1.18 ON SEP 8	168 000	1976
1977	63.1 AT 22:34 EST ON MAR 13	53.5 ON MAR 13	0.122 ON JUL 31	163 000	1977
1978	63.1 AT 02:20 EST ON MAR 24	58.9 ON MAR 23	0.382 ON JUL 18	132 000	1978
1979	110 AT 01:53 EST ON MAR 6	82.8 ON MAR 6	0.337 ON JUL 23	170 000	1979
1980	55.8 AT 23:36 EST ON MAR 21	46.6 ON MAR 22	0.814 ON AUG 28	127 000	1980
1981	45.8 AT 06:34 EST ON FEB 24	41.5 ON FEB 24	0.304 ON JUL 18	121 000	1981
1982	66.7 AT 09:00 EST ON APR 1	48.2 ON APR 1	0.587 ON JUL 25	183 000	1982
1983	31.8 AT 13:50 EST ON APR 15	28.7 ON DEC 13	0.813 ON JUL 20	146 000	1983
1984	142 AT 16:32 EST ON FEB 14	111 ON FEB 14	0.821 ON AUG 1	159 000	1984
1985	149 AT 05:22 EST ON FEB 25 *	120 ON FEB 25	0.638 ON AUG 4	206 000	1985
1986	55.2E AT 05:31 EST ON MAR 20	48.8E ON MAR 20	0.848 ON AUG 1	155 000	1986
1987	41.8 AT 20:24 EST ON APR 8	36.2 ON APR 8	0.600E ON JUL 23	100 000	1987
1988	---	22.5 ON MAR 25	0.094 ON JUL 7	100 000	1988
				126 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	5.25	4.58	5.15	13.5	---	1975
1976	6.70	31.4	31.7	14.7	13.5	4.74	6.22	4.49	2.89	3.30	4.11	4.36	11.0	1976
1977	2.92	3.71	27.4	14.4	4.85	3.04	2.48	2.71	13.7	13.0	8.75	28.7	10.4	1977
1978	8.86	5.57	27.6	25.4	7.68	3.77	2.37	2.48	3.23	4.26	5.62	8.48	8.48	1978
1979	8.84	7.20	26.2	29.8	8.78	4.45	2.81	4.88	3.46	5.48	14.2	19.0	11.2	1979
1980	12.0	5.88	20.0	21.8	8.24	7.48	5.59	3.75	5.09	8.07	5.38	9.28	8.48	1980
1981	3.78	25.9	8.15	11.5	5.95	4.69	3.82	4.03	7.51	12.5	7.17	5.85	8.26	1981
1982	7.01	3.87	37.6	22.5	7.13	11.6	3.86	3.25	3.80	3.53	12.0	23.8	11.7	1982
1983	8.86	12.2	10.3	16.8	13.8	5.11	4.47	15.5	4.44	5.00	8.00	18.7	10.2	1983
1984	8.21	28.6	18.9	15.4	8.67	10.7	3.02	3.88	7.04	5.09	8.71	11.2	10.6	1984
1985	8.26	25.3	35.0	20.6	8.12	4.78	4.03	4.17	8.03	9.13	30.4	13.6	13.8	1985
1986	8.88	7.80	27.0	11.4	8.72	5.71	3.87	3.88	4.80	12.5	8.70	16.3	9.75	1986
1987	8.80	4.38	15.6	18.3	4.15	3.26	2.80	2.44	2.42	2.88	4.81	12.3	5.98	1987
1988	4.89	8.81	12.9	10.6	4.80	2.19	3.42	4.88	2.49	5.49	13.3	8.81	8.92	1988
MEAN	7.44	13.2	23.1	17.8	7.93	5.62	3.80	4.61	5.18	6.77	8.69	13.5	9.91	MEAN

LOCATION - LAT 42 42 30 N DRAINAGE AREA, 878 km²
LONG 80 50 20 W REGULATED

REMARKS - REGUALTION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	108 A ON MAR 8	2.48 ON SEP 7	347 000	1976
1977	80.1 AT 08:02 EST ON SEP 27	78.2 ON MAR 14	1.28 ON AUG 1	327 000	1977
1978	---	108 ON MAR 23	1.63 ON JUL 21	267 000	1978
1979	---	138 B ON MAR 5	1.35 ON JUL 23	354 000	1979
1980	89.7 AT 14:26 EST ON MAR 21	86.9 ON MAR 22	1.80 ON AUG 29	300 000	1980
1981	---	78.3E ON FEB 24	1.91 ON JUL 25	261 000	1981
1982	---	128 ON MAR 17	2.88 ON NOV 1	388 000	1982
1983	83.5 AT 23:34 EST ON AUG 11	89.4 ON AUG 13	1.46 ON JUL 28	323 000	1983
1984	---	140 B ON FEB 14	1.18 ON JUL 26	335 000	1984
1985	188 AT 21:37 EST ON FEB 25 *	184 ON FEB 25 *	1.55 ON AUG 4	434 000	1985
1986	77.6 AT 22:43 EST ON MAR 20	78.2 ON MAR 20	2.35 ON SEP 8	307 000	1986
1987	88.5 AT 18:04 EST ON APR 5	88.7 ON APR 6	1.30 ON JUL 25	218 000	1987
1988	---	42.8 ON MAR 27	0.880E ON JUL 14 *	219 000	1988
				312 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	25.4	8.88	10.9	5.50	4.84	3.49	2.53	1.88	3.02	4.58	---	1948
1949	11.8	23.4	11.2	8.78	3.88	1.95	2.20	1.70	2.31	1.89	2.35	12.1	8.85	1949
1950	28.9	15.3	28.2	20.3	5.07	2.87	3.14	2.87	2.32	2.85	8.28	18.3	11.0	1950
1951	17.8	28.8	24.2	16.8	8.18	4.09	4.18	1.88	1.81	2.37	7.84	8.88	10.1	1951
1952	19.4	8.33	16.7	14.8	8.26	3.18	2.15	2.54	1.95	2.25	2.78	3.97	7.03	1952
1953	8.20	8.58	11.8	7.19	5.45	3.85	2.51	2.25	2.08	1.80	2.00	1.93	4.43	1953
1954	4.98	16.3	16.3	---	---	---	1.98	2.87	2.38	17.7	8.87	7.88	---	1954
1955	8.21	10.3	22.1	8.80	8.87	2.88	1.58	2.22	1.55	4.23	9.88	9.85	7.28	1955
1956	8.85	11.4	19.8	12.0	19.2	4.08	3.21	4.60	8.28	4.30	4.75	8.80	8.88	1956
1957	8.72	8.40	11.0	14.8	8.15	4.80	8.19	3.98	5.83	4.30	11.7	13.0	8.47	1957
1958	8.81	8.87	8.81	8.07	3.85	4.88	4.02	1.78	1.89	2.88	3.83	3.48	4.87	1958
1959	11.1	8.99	26.3	14.8	4.89	3.37	2.10	2.28	3.18	4.09	4.36	13.0	8.19	1959
1960	10.8	14.8	10.8	23.8	7.78	11.2	2.78	2.45	2.15	2.05	2.81	2.80	7.74	1960
1961	1.88	8.83	8.31	25.3	7.88	7.02	4.33	4.85	4.26	2.78	3.14	4.53	8.89	1961
1962	3.84	4.38	18.0	8.33	2.79	1.44	0.875	3.85	0.815	---	---	---	---	1962
1963	---	---	---	---	---	---	---	1.81	1.75	1.78	2.18	1.93	---	1963
1964	2.88	2.88	8.23	8.70	8.78	2.27	1.83	8.72	2.87	2.48	2.58	8.41	4.81	1964
1965	7.83	19.7	28.8	21.8	4.81	2.88	2.00	2.04	2.40	4.27	4.85	10.1	8.23	1965
1966	8.19	8.83	14.7	10.4	8.84	4.41	1.85	2.02	2.30	2.47	4.14	18.7	8.84	1966
1967	10.4	10.8	15.1	17.2	7.83	4.88	3.88	2.15	2.08	2.78	4.98	10.7	7.70	1967
1968	7.88	21.8	14.8	7.75	4.08	8.85	4.18	3.08	3.84	3.88	7.28	11.4	8.02	1968
1969	25.3	14.5	8.71	22.8	13.4	8.78	4.35	3.03	2.26	2.58	8.80	8.25	8.88	1969
1970	3.84	4.50	10.7	12.1	8.32	2.78	3.03	1.83	2.12	2.84	8.48	10.8	8.84	1970
1971	4.77	10.1	21.7	10.8	4.31	2.88	1.88	1.80	2.04	2.08	2.13	3.33	8.89	1971
1972	4.72	2.40	27.8	17.7	8.94	4.85	7.47	4.28	2.38	3.08	8.44	11.3	8.29	1972
1973	10.8	8.14	34.8	14.2	7.88	4.87	2.98	3.25	2.32	2.88	8.37	11.8	9.40	1973
1974	23.1	13.8	19.8	14.1	14.1	8.11	4.38	3.25	2.88	2.81	8.85	8.32	8.87	1974
1975	11.4	12.8	21.8	13.8	8.41	8.39	2.80	3.88	8.88	4.89	7.22	13.4	8.28	1975
MEAN	10.1	11.7	17.8	13.8	7.13	4.49	3.20	2.83	2.90	3.48	5.18	8.43	7.70	MEAN

LOCATION - LAT 42 41 06 N DRAINAGE AREA, 897 km²
LONG 80 47 48 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	108 ON FEB 18	1.18 ON NOV 10	210 000	1949
1950	---	117 ON APR 5	1.22 ON OCT 8	347 000	1950
1951	---	86.3 ON FEB 22	1.02 ON SEP 10	318 000	1951
1952	---	86.1 ON MAR 11	1.02 ON AUG 7	222 000	1952
1953	---	48.1 ON MAR 4	1.44 ON OCT 5	140 000	1953
1954	---	---	---	---	1954
1955	---	71.8E ON MAR 1	1.10 ON JUL 15	230 000	1955
1956	---	71.4 ON MAR 3	2.27 ON AUG 1	275 000	1956
1957	---	86.6 ON APR 8	2.61 ON AUG 19	287 000	1957
1958	---	18.0 ON APR 10	1.38 ON SEP 3	147 000	1958
1959	---	34.8 ON APR 4	1.81 ON JUL 15	258 000	1959
1960	---	78.7 ON MAR 30	1.44 ON SEP 29	245 000	1960
1961	---	80.7 ON APR 29	1.33 B ON FEB 1	208 000	1961
1962	---	48.1B ON MAR 11	---	---	1962
1963	---	---	---	---	1963
1964	28.2 AT 03:00 EST ON AUG 24	23.6 ON AUG 24	0.708 ON AUG 1 *	148 000	1964
1965	210 AT 05:00 EST ON MAR 7 *	181 B ON MAR 8 *	1.12 ON JUL 30	291 000	1965
1966	56.8 AT 10:30 EST ON DEC 8	57.6 ON DEC 8	1.17 A ON JUL 22	218 000	1966
1967	52.4 AT 03:00 EST ON DEC 22	51.0 ON DEC 22	1.81 ON SEP 11	243 000	1967
1968	151 B AT 23:30 EST ON FEB 3	105 B ON FEB 3	1.81 ON JUL 28	254 000	1968
1969	175 AT 21:00 EST ON JAN 30	145 ON JAN 31	2.08 ON SEP 14	305 000	1969
1970	41.8 AT 15:55 EST ON APR 3	40.2 ON APR 3	1.25 ON AUG 10	179 000	1970
1971	81.4B AT 11:51 EST ON FEB 28	59.5B ON FEB 28	0.887 ON AUG 7	176 000	1971
1972	84.3 AT 02:00 EST ON MAR 23	56.0 ON MAR 23	1.85 ON SEP 3	282 000	1972
1973	75.8 AT 07:30 EST ON MAR 16	73.1 ON MAR 16	1.22 ON JUL 19	286 000	1973
1974	85.4 AT 16:57 EST ON MAR 6	85.1 ON JAN 29	2.32 E ON AUG 21	302 000	1974
1975	80.8 AT 16:30 EST ON FEB 25	59.7 ON FEB 25	1.70 E ON JUL 28	283 000	1975
				243 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.24	1.45	1.63	2.14	3.50	4.12	---	1915
1916	5.15	5.89	6.62	5.26	4.47	4.15	1.81	1.29	0.870	1.80	2.29	4.27	3.89	1916
1917	2.80	2.06	7.80	16.4	5.62	3.80	2.13	1.92	1.48	---	---	---	---	1917
MEAN	4.03	3.87	7.26	12.3	5.05	4.03	3.73	1.55	1.38	1.97	2.90	4.20	3.89	MEAN

LOCATION - LAT 44 35 13 N, LONG 80 35 50 W
DRAINAGE AREA, 342 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	18.8 ON MAR 28	0 ON SEP 17 *	123 000	1916
1917	---	30.3 ON JUL 10 *	---	---	1917
				123 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	2.51	1.88	1.80	0.885	3.44	3.73	5.18	5.89	---	1957
1958	3.84	3.02	5.05	7.47	1.78	1.11	0.675	0.544	0.524	0.842	1.04	1.52	2.28	1958
1959	2.18	2.08	7.12	18.5	5.45	1.71	0.822	0.800	0.817	1.33	5.90	5.02	4.40	1959
1960	5.32	3.85	4.87	17.7	11.8	3.06	1.17	0.834	0.747	0.888	2.11	1.88	4.48	1960
1961	1.87	5.77	11.3	9.84	4.88	3.22	1.34	1.24	1.20	0.885	3.37	7.08	4.28	1961
1962	3.02	3.85	8.47	10.3	2.88	0.833	0.803	0.422	0.523	0.983	3.00	4.18	3.22	1962
1963	1.58	1.28	12.2	7.10	6.08	1.88	0.858	0.844	0.812	0.880	2.38	1.84	3.27	1963
1964	5.85	3.28	7.80	6.80	2.21	0.882	0.854	0.523	0.420	0.893	0.808	2.88	2.58	1964
1965	3.42	7.04	3.21	18.7	5.80	1.45	0.882	0.877	0.827	1.29	2.53	8.28	4.52	1965
1966	4.82	7.78	8.82	4.37	2.18	1.13	0.488	0.507	0.400	0.818	1.22	5.84	3.08	1966
1967	5.25	3.28	7.31	12.7	3.08	3.34	3.49	1.82	1.55	4.01	10.4	9.18	5.45	1967
1968	4.18	10.1	12.8	7.47	3.80	1.78	0.882	2.88	1.82	1.98	5.89	5.43	5.10	1968
1969	8.83	5.85	8.28	16.2	9.01	3.88	1.77	1.08	1.08	1.87	3.42	3.01	5.14	1969
1970	2.38	2.73	4.25	18.2	4.22	1.48	1.84	0.822	1.73	2.81	3.43	4.77	4.04	1970
1971	3.75	4.47	12.5	21.4	4.40	2.01	1.21	0.732	0.738	0.825	1.28	3.83	4.74	1971
1972	4.08	3.13	4.02	20.2	5.58	2.78	2.88	1.80	0.802	1.82	3.81	5.83	4.88	1972
1973	9.51	5.32	12.2	7.81	8.33	3.08	1.01	1.08	0.883	0.946	5.41	5.10	4.80	1973
1974	5.48	4.44	8.88	12.5	5.28	2.31	1.18	1.38	1.84	3.37	8.58	4.02	4.74	1974
1975	5.32	4.47	8.27	18.1	4.98	1.84	0.951	0.888	1.05	0.848	1.21	3.81	4.08	1975
1976	1.92	7.94	27.2	7.87	3.82	1.62	3.01	1.83	1.42	2.83	5.85	4.80	5.86	1976
1977	2.52	2.22	23.2	8.30	2.15	1.03	0.758	1.20	2.22	8.82	9.85	8.24	5.70	1977
1978	4.84	2.81	3.36	15.8	5.04	2.07	0.871	0.862	2.02	2.48	2.90	3.08	3.81	1978
1979	5.41	4.85	18.5	14.2	5.41	2.19	0.928	1.01	0.784	1.97	3.89	9.81	5.74	1979
1980	7.85	2.38	8.74	10.8	4.00	3.14	7.01	2.91	2.77	4.87	4.35	7.81	5.88	1980
1981	2.88	14.6	7.83	8.36	5.05	3.21	2.01	1.38	2.28	3.85	4.81	4.82	4.83	1981
1982	3.78	1.58	12.4	18.8	3.84	4.42	1.27	1.08	0.748	1.18	4.18	3.18	5.26	1982
1983	5.10	8.85	8.52	7.78	8.13	2.80	0.708	0.858	0.825	1.38	4.01	4.88	4.10	1983
1984	3.11	15.8	10.7	8.83	4.84	2.37	0.928	0.814	1.38	1.05	5.81	9.08	5.40	1984
1985	5.75	11.1	18.2	15.8	4.05	1.83	0.722	0.831	3.02	2.75	5.85	4.13	5.21	1985
1986	4.30	3.88	18.2	10.5	4.48	1.88	1.22	0.823	8.27	8.20	3.02	4.89	5.84	1986
1987	3.15	2.04	8.80	8.28	1.80	1.44	1.13	0.887	0.889	2.18	5.25	7.41	3.87	1987
1988	8.28	11.8	10.4	7.33	3.34	1.18	0.738	0.817	1.88	4.48	7.28	7.05	5.18	1988
MEAN	4.33	5.44	10.8	12.1	4.87	2.14	1.43	1.04	1.48	2.28	4.24	5.88	4.58	MEAN

LOCATION - LAT 44 34 10 N DRAINAGE AREA, 283 km²
LONG 80 38 00 W REGULATED

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	17.1 ON APR 1	0.311 ON SEP 15	71 300	1958
1959	---	38.48 ON APR 3	0.396 ON SEP 8	139 000	1959
1960	83.9 AT 17:00 EST ON APR 3	72.2 ON APR 3	0.487 ON OCT 17	142 000	1960
1961	---	36.2 ON MAR 28	0.510 ON AUG 21	135 000	1961
1962	---	49.8 ON MAR 30	0.184 ON AUG 30	101 000	1962
1963	---	87.8 ON MAR 28	0.374 ON SEP 9	103 000	1963
1964	---	28.68 ON MAR 5	0.282 ON SEP 14	82 100	1964
1965	---	51.08 ON APR 12	0.387 ON AUG 23	143 000	1965
1966	---	38.8 ON FEB 11	0.130 ON SEP 18 *	87 500	1966
1967	84.0 AT 07:00 EST ON APR 1	55.1 ON APR 1	0.880 ON SEP 17	172 000	1967
1968	78.48 AT 17:45 EST ON FEB 2	83.18 ON FEB 2	0.430 ON AUG 12	181 000	1968
1969	43.8 AT 08:37 EST ON APR 5	38.8 ON APR 5	0.430 ON SEP 1	182 000	1969
1970	51.0 AT 18:03 EST ON APR 8	48.7 ON APR 8	0.548 ON AUG 15	128 000	1970
1971	55.8 AT 07:18 EST ON APR 13	50.7 ON APR 13	0.320 ON SEP 19	149 000	1971
1972	80.3 AT 23:00 EST ON APR 18	52.1 ON APR 18	0.621 ON SEP 24	148 000	1972
1973	45.88 AT 00:00 EST ON JAN 1	34.08 ON JAN 18	0.442 ON SEP 2	152 000	1973
1974	78.3 AT 08:17 EST ON APR 4	65.7 ON APR 4	0.498 ON SEP 8	180 000	1974
1975	101 A AT 08:00 EST ON APR 19	84.7A ON APR 19	0.384 ON AUG 16	128 000	1975
1976	132 AT 03:48 EST ON MAR 31 *	101 ON MAR 31	0.728 ON OCT 3	186 000	1976
1977	123 AT 13:01 EST ON MAR 13	114 ON MAR 13 *	0.287 ON JUL 24	180 000	1977
1978	46.8 AT 02:38 EST ON APR 2	35.1 ON APR 2	0.487 ON SEP 3	120 000	1978
1979	81.4 AT 12:18 EST ON APR 14	60.7 ON APR 14	0.338 ON OCT 1	181 000	1979
1980	89.1 AT 08:05 EST ON JUL 21	84.8 ON JUL 21	1.01 ON JUL 13	177 000	1980
1981	103 B AT 07:54 EST ON FEB 18	84.08 ON FEB 18	0.884 ON JUL 28	182 000	1981
1982	118 AT 18:14 EST ON MAR 31	93.8 ON MAR 31	0.208 ON AUG 22	168 000	1982
1983	31.3 AT 11:58 EST ON MAY 8	26.0 ON MAY 8	0.321 ON SEP 12	128 000	1983
1984	---	100 B ON FEB 14	0.361 ON AUG 27	171 000	1984
1985	72.0 AT 20:19 EST ON MAR 28	61.7 ON MAR 28	0.265 ON AUG 13	188 000	1985
1986	63.0 AT 18:28 EST ON MAR 19	42.7 ON MAR 19	0.488E ON AUG 25	173 000	1986
1987	38.8 AT 17:53 EST ON APR 5	30.5E ON APR 5	0.288 ON AUG 30	118 000	1987
1988	---	46.4 ON FEB 1	0.482 ON AUG 22	183 000	1988
				144 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	0.183	0.178	0.138	0.132	0.131	0.183	0.292	---	1987
1988	0.217	0.282	0.388	0.317	0.282	0.108	0.140	0.111	0.120	0.148	0.242	0.188	0.208	1988
MEAN	0.217	0.282	0.388	0.317	0.282	0.131	0.159	0.123	0.126	0.140	0.213	0.238	0.208	MEAN

LOCATION - LAT 43 37 48 N DRAINAGE AREA, 18.8 km²
LONG 80 00 41 W REGULATED

REMARKS - STATION ACTIVATED MAY 20 1987

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	0.072 ON OCT 2 *	---	1987
1988	---	1.43 ON MAR 28 *	0.072 ON SEP 18	5 530	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 530	MEAN

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.226	0.307	0.273	0.522	0.765	---	1966
1967	0.383	0.338	1.06	1.03	0.485	1.22	0.673	0.401	0.550	0.582	0.585	0.682	0.887	1967
1968	0.488	1.33	1.63	0.530	0.649	0.470	0.343	0.956	0.484	0.388	0.926	0.605	0.733	1968
1969	1.24	0.420	0.788	1.16	0.826	0.408	0.888	0.493	0.303	0.530	0.781	0.443	0.677	1969
1970	0.283	0.483	1.83	1.18	0.883	0.404	0.825	0.783	0.585	0.488	0.636	0.820	0.728	1970
1971	0.348	1.11	1.87	0.773	0.381	0.581	0.881	0.813	0.386	0.336	0.285	0.838	0.714	1971
1972	0.638	0.518	1.89	2.35	0.401	0.738	0.808	0.702	0.808	0.489	0.710	1.15	0.883	1972
1973	0.836	0.882	2.34	1.09	0.983	0.884	0.465	0.386	0.541	0.988	1.10	0.888	0.918	1973
1974	1.40	0.777	0.870	1.29	1.85	1.03	0.323	0.299	0.365	0.326	0.633	0.389	0.786	1974
1975	0.740	1.42	1.02	1.25	0.718	0.584	0.321	0.733	0.577	0.382	0.454	0.574	0.722	1975
1976	0.331	1.38	2.14	1.10	1.17	0.756	0.918	0.479	0.593	0.481	0.247	0.268	0.818	1976
1977	0.218	0.862	1.58	0.883	0.273	0.770	1.15	1.00	1.21	1.18	1.40	1.59	0.883	1977
1978	0.895	0.284	1.72	1.54	0.824	0.304	0.318	0.502	1.04	0.579	0.582	0.575	0.748	1978
1979	0.811	0.389	1.83	1.48	0.782	0.543	0.853	0.478	0.484	0.575	0.890	1.86	0.882	1979
1980	0.888	0.258	1.44	1.52	0.536	0.859	1.18	0.381	0.412	0.577	0.335	0.804	0.734	1980
1981	0.284	1.78	0.401	0.832	0.782	0.813	0.880	0.945	1.11	1.47	0.770	0.423	0.788	1981
1982	0.822	0.487	2.25	0.875	0.441	0.877	0.441	0.807	0.885	0.540	1.25	1.38	0.823	1982
1983	0.850	0.712	0.872	1.25	1.17	0.386	0.267	0.786	0.514	0.888	0.853	1.01	0.787	1983
1984	0.330	2.01	1.51	0.928	0.909	0.490	0.542	0.933	0.763	0.274	0.890	0.841	0.848	1984
1985	0.288	1.97	1.78	0.883	0.888	0.385	0.877	1.38	0.570	0.585	2.19	0.856	0.995	1985
1986	0.473	0.430	1.44	0.583	0.894	0.813	1.11	2.46	3.02	0.958	0.540	1.20	1.12	1986
1987	0.410	0.387	0.887	1.12	0.451	0.413	0.735	0.494	0.784	0.401	0.840	0.476	0.658	1987
1988	0.406	0.826	0.732	0.788	0.476	0.280	0.882	0.382	0.788	0.868	0.744	0.483	0.588	1988
MEAN	0.673	0.837	1.48	1.10	0.724	0.809	0.841	0.735	0.737	0.594	0.788	0.809	0.805	MEAN

LOCATION - LAT 43 40 31 N DRAINAGE AREA, 58.0 km^2
LONG 79 30 21 W NATURAL FLOW

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	27.6 AT 21:30 EST ON APR 2	8.26 ON APR 3	0.181 ON SEP 10	21 700	1967
1968	26.9 AT 19:00 EST ON FEB 1	14.1 ON FEB 2	0.187 ON AUG 4	23 200	1968
1969	38.6 AT 19:46 EST ON JUL 24	8.66 ON APR 18	0.2078 ON DEC 25	21 400	1969
1970	43.0 AT 18:28 EST ON AUG 30	15.8 A ON MAR 5	0.173 ON JAN 25	23 000	1970
1971	36.4 AT 12:15 EST ON JUN 25	8.76 ON JUL 6	0.150 ON SEP 26	22 500	1971
1972	42.5 AT 06:14 EST ON AUG 2	11.0 ON DEC 13	0.170 ON JUL 30	27 900	1972
1973	33.4 AT 16:42 EST ON JUN 28	9.54 ON MAR 11	0.144 ON SEP 8	28 900	1973
1974	40.2 AT 14:35 EST ON AUG 23	14.9 B ON JAN 27	0.153 ON AUG 25	24 600	1974
1975	38.1 AT 22:50 EST ON APR 16	15.4 ON FEB 24	0.133 ON JUL 28	22 800	1975
1976	54.7 AT 20:40 EST ON JUN 13	10.5 ON MAR 5	0.1598 ON DEC 13	25 900	1976
1977	86.8 AT 18:06 EST ON JUL 8	13.3 ON JUL 8	0.048E ON SEP 8 *	31 300	1977
1978	50.1 AT 20:23 EST ON SEP 18	9.87 ON SEP 18	0.188 ON AUG 13	23 800	1978
1979	50.3 AT 16:26 EST ON JUL 11	22.3 ON DEC 25	0.152 ON SEP 23	27 800	1979
1980	71.0 AT 09:58 EST ON JUL 15	18.8 ON MAR 21	0.140 ON OCT 13	33 200	1980
1981	52.8 AT 20:36 EST ON AUG 4	14.7 ON FEB 11	0.208 ON JUL 25	25 200	1981
1982	86.6 AT 17:26 EST ON SEP 14	12.4 ON MAR 13	0.178 ON AUG 15	29 100	1982
1983	63.5 AT 18:03 EST ON AUG 8	7.43 ON DEC 8	0.124 ON SEP 11	24 200	1983
1984	---	21.8 E ON FEB 14	0.182 ON SEP 30	28 700	1984
1985	---	18.6 ON FEB 24	0.168 ON AUG 4	31 400	1985
1986	133 AT 17:03 EST ON AUG 15 *	24.8 ON AUG 27 *	0.180 ON JUL 10	35 400	1986
1987	43.5 AT 16:48 EST ON MAY 27	7.02 ON NOV 25	0.136 ON JUN 17	20 700	1987
1988	---	7.20 ON SEP 4	0.141 ON AUG 21	18 500	1988
				25 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	0.088	0.053	0.004	0.018	0.038	---	---	1972
1973	---	---	---	---	---	---	---	0.001	0	0.004	0.008	---	---	1973
1974	---	---	---	---	0.027	0.008	0.003	0.003	0.001	0	0	---	---	1974
1975	---	---	---	0.168	0.028	0.008	0.001	0	0	0.001	0.012	0.025	---	1975
1976	0.001	0.001	0.120	0.053	0.028	0.003	0.001	0	0.001	0.010	0.004	0.002	0.018	1976
1977	0.001	0	0.100	0.033	0.004	0.001	0	0	0	0.004	0.001	0.005	0.013	1977
1978	0.021	0.005	0.005	0.188	0.004	0.002	0	0	0	0	0	0	0.017	1978
1979	0	0	0.134	---	---	---	---	---	---	---	---	---	---	1979
MEAN	0.008	0.002	0.080	0.100	0.018	0.004	0.012	0.008	0.001	0.005	0.009	0.008	0.018	MEAN

LOCATION - LAT 45 18 12 N DRAINAGE AREA, 1.83 km^2
LONG 75 44 24 W NATURAL FLOW

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	0 ON AUG 29 *	---	1974
			0 ON SEP 20	---	
1975	1.98 AT 11:55 EST ON APR 19 *	0.686 ON APR 19	0 ON AUG 6	---	1975
1976	---	1.13 B ON MAR 28 *	0 ON JUL 21	593	1976
1977	---	0.8818 ON MAR 14	0 ON JAN 27	397	1977
1978	1.77 AT 18:30 EST ON APR 14	0.823 ON APR 14	0A ON JAN 4	839	1978
1979	---	---	---	---	1979
				606	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	0.885	---	1964
1965	0.519	3.90	2.88	5.95	1.69	0.395	0.405	0.294	0.488	0.765	1.69	2.01	1.74	1965
1966	1.57	1.48	4.31	2.05	1.78	0.847	0.188	0.229	0.332	0.575	1.05	1.95	1.36	1966
1967	1.38	1.27	3.32	5.38	1.72	5.84	3.30	1.47	0.889	3.18	4.18	4.55	3.01	1967
1968	1.00	3.08	5.85	3.21	2.17	0.782	0.583	0.676	1.04	0.785	2.50	2.74	2.30	1968
1969	1.42	2.24	5.14	7.38	3.58	1.06	0.863	0.621	0.418	---	---	---	---	1969
1983	---	---	---	---	---	---	---	0.873	0.880	0.853	2.07	1.59	---	1983
1984	0.880	5.31	5.32	4.71	2.84	0.885	0.405	0.380	0.854	0.838	1.22	1.81	2.10	1984
1985	1.11	4.35	7.80	5.82	1.53	0.815	1.20	1.11	1.47	1.81	4.33	2.28	2.75	1985
1986	1.86	1.41	5.08	4.12	2.95	1.47	0.771	2.88	5.18	3.92	1.85	2.18	3.05	1986
1987	1.42	1.50	5.30	5.04	1.18	1.38	2.43	0.714	0.610	1.32	2.52	3.72	2.34	1987
1988	1.18	1.07	3.48	3.85	2.02	0.880	0.487	0.553	0.525	1.03	1.89	1.08	1.53	1988
MEAN	1.22	2.85	5.85	4.73	2.12	1.38	1.04	0.883	1.15	1.45	2.35	2.22	2.24	MEAN

LOCATION - LAT 44 15 38 N, LONG 79 20 40 W DRAINAGE AREA, 274 km^2 REGULATED

REMARKS - GAUGE REACTIVATED ON JUL 12 1983 TO REPLACE "BLACK RIVER AT SUTTON" NO. 02EC012. DRAINAGE AREA REVISED IN JUL 1983

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	48.7 AT 20:40 EST ON FEB 11 *	32.6 ON FEB 11 *	0.122 ON JAN 24	84 700	1965
1966	8.818 AT 18:30 EST ON MAR 3	8.51 ON JAN 1	0.082 ON JUL 17	42 800	1966
1967	28.4 AT 23:00 EST ON JUN 13	22.1 ON JUN 14	0.082 ON SEP 17 *	84 900	1967
1968	28.8 AT 00:01 EST ON MAR 21	26.0 ON MAR 21	0.113 ON JUL 25	72 700	1968
1969	28.6 AT 20:29 EST ON MAR 22	23.0 ON MAR 22	---	---	1969
1983	---	---	---	---	1983
1984	28.8 AT 22:57 EST ON FEB 18	25.2 ON FEB 18	0.272 ON AUG 8	88 500	1984
1985	34.8 AT 03:33 EST ON FEB 28	28.2 ON FEB 28	0.538E ON AUG 7	85 700	1985
1986	24.3 AT 03:04 EST ON MAR 21	21.4 ON MAR 21	0.318 ON JUN 9	85 300	1986
1987	22.9 AT 03:43 EST ON MAR 10	20.8 ON MAR 10	0.413 ON SEP 15	73 800	1987
1988	---	13.3 ON MAR 29	0.284 ON JUL 14	45 300	1988
				70 700	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER AT SUTTON - STATION NO. 02EC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	1.23	0.825	---	1969
1970	0.807	0.787	2.33	8.23	1.78	0.559	0.870	0.401	0.888	0.871	1.41	1.87	1.78	1970
1971	0.887	0.878	3.68	10.1	1.48	0.878	0.802	0.718	0.888	0.807	0.781	1.68	1.83	1971
1972	1.28	0.882	1.32	14.6	2.21	1.87	0.580	0.528	0.818	1.44	2.81	2.55	2.53	1972
1973	3.88	2.58	8.65	5.58	3.03	1.20	0.705	0.738	0.478	0.844	2.85	1.74	2.75	1973
1974	2.43	1.72	6.20	7.45	8.84	0.858	1.70	1.44	0.795	0.885	3.27	2.07	3.89	1974
1975	1.87	4.80	7.12	7.87	2.82	0.620	0.418	0.410	0.490	0.827	0.860	0.828	2.34	1975
1976	0.883	2.47	10.4	4.88	3.87	0.880	1.82	1.08	1.34	1.85	1.80	0.888	2.82	1976
1977	0.708	0.878	8.44	3.00	0.888	0.537	0.558	1.83	1.38	3.88	3.42	3.81	2.44	1977
1978	2.38	1.88	3.81	15.3	3.87	0.758	0.323	0.584	0.821	1.08	1.18	0.898	2.87	1978
1979	0.815	0.817	12.0	5.48	4.73	0.841	0.570	0.805	0.847	1.32	2.31	4.87	2.82	1979
1980	1.84	0.438	5.82	7.81	2.12	1.07	3.14	1.84	1.88	2.33	2.87	3.28	2.78	1980
1981	0.888	10.2	2.68	3.24	3.27	0.884	0.801	1.15	2.28	2.28	3.36	1.88	2.85	1981
1982	1.27	0.882	6.58	12.0	2.08	3.43	1.11	0.877	1.28	1.88	4.83	8.84	3.88	1982
1983	2.14	1.78	4.88	5.81	8.17	1.88	---	---	---	---	---	---	---	1983
MEAN	1.84	2.18	6.02	8.02	3.03	1.18	1.04	0.938	1.01	1.48	2.28	2.29	2.81	MEAN

LOCATION - LAT 44 18 18 N, LONG 79 21 37 W DRAINAGE AREA, 324 km^2 REGULATED

REMARKS - STATION DISCONTINUED JUL 12 1983. REPLACED BY "02EC008 BLACK RIVER AT BALDWIN"

BLACK RIVER AT SUTTON - STATION NO. 02EC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	27.8 AT 06:25 EST ON APR 10	26.4 ON APR 10	0.284 ON AUG 2	55 500	1970
1971	22.8 AT 12:06 EST ON APR 4	22.3 ON APR 4	0.275 ON AUG 20	60 900	1971
1972	66.5 AT 21:14 EST ON APR 14 *	61.4 ON APR 14 *	0.261 ON AUG 2	79 800	1972
1973	26.1 AT 10:06 EST ON MAR 13	24.4 ON MAR 13	0.263 ON JUN 19	68 700	1973
1974	44.7 AT 00:26 EST ON MAR 7	38.2 ON MAR 7	0.224 ON JUL 17 *	91 200	1974
1975	51.0 AT 02:23 EST ON FEB 26	41.8 ON FEB 26	0.266 ON JUL 7	73 800	1975
1976	33.1 AT 20:32 EST ON MAR 21	27.3 ON MAR 22	0.459 ON JUL 25	63 000	1976
1977	34.3 AT 20:39 EST ON MAR 13	30.9 ON MAR 13	0.360 ON JUL 29	77 000	1977
1978	38.5 AT 00:31 EST ON APR 9	34.8 ON APR 8	0.265 ON JUL 11	84 200	1978
1979	27.5 AT 22:04 EST ON MAR 6	22.1 ON MAR 7	0.352 ON AUG 4	92 100	1979
1980	25.3 AT 20:21 EST ON MAR 21	21.0 ON MAR 21	0.3888 ON MAR 8	88 300	1980
1981	44.8 AT 23:42 EST ON FEB 21	43.8 ON FEB 21	0.484 ON JUL 16	83 500	1981
1982	64.9 AT 21:30 EST ON APR 1	43.3 ON APR 1	0.430 ON AUG 19	113 000	1982
1983	11.1 AT 23:32 EST ON MAY 4	10.8 ON MAY 4	---	---	1983
				82 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	1.88	0.823	5.47	5.78	2.01	---	1955
1956	1.98	1.61	3.20	20.7	14.3	7.42	1.53	2.03	1.61	0.984	1.30	2.41	4.90	1956
1957	4.00	2.87	7.60	11.5	4.85	2.04	1.67	1.05	0.871	1.51	1.80	9.20	4.11	1957
1958	4.31	2.48	5.15	11.6	4.07	1.41	1.22	1.58	1.44	0.813	0.781	1.26	3.00	1958
1959	0.848	1.05	2.84	22.1	6.13	1.81	1.24	1.39	1.29	1.05	3.83	6.14	4.10	1959
1960	2.63	2.81	2.37	35.2	11.9	5.20	2.46	2.58	0.870	0.124	0.331	0.228	5.46	1960
1961	0.184	0.248	2.07	9.85	9.20	4.00	0.884	1.34	1.67	1.30	1.28	1.88	2.63	1961
1962	1.00	0.883	3.58	13.6	3.58	1.32	1.17	1.40	1.76	1.83	4.68	3.68	3.21	1962
1963	2.02	1.51	7.26	13.6	7.27	1.80	1.06	1.08	1.47	1.08	2.51	2.76	3.82	1963
1964	2.82	2.06	7.38	12.0	7.13	2.38	0.977	0.802	0.718	0.738	0.780	2.08	3.30	1964
1965	1.83	4.17	4.22	23.4	8.81	1.33	0.752	0.734	0.838	4.49	7.84	9.03	5.34	1965
1966	5.18	3.66	12.4	6.83	5.28	2.83	0.869	1.14	0.864	0.272	6.08	12.8	4.86	1966
1967	4.80	4.87	5.20	16.0	6.13	3.07	3.86	1.58	2.06	6.72	12.3	8.78	6.17	1967
1968	4.28	5.44	11.8	8.98	3.88	2.74	1.88	1.45	1.38	1.22	2.41	4.18	4.12	1968
1969	4.00	4.83	8.82	17.1	16.5	4.36	1.90	1.06	0.888	0.688	2.28	3.81	5.87	1969
1970	1.58	2.34	3.88	18.4	7.98	2.65	1.67	0.745	2.33	1.25	3.13	4.27	5.02	1970
1971	2.10	1.71	6.04	27.1	7.42	1.77	0.731	0.816	0.746	0.552	0.748	4.31	4.50	1971
1972	3.38	2.57	3.58	26.5	13.7	4.40	4.04	2.68	1.33	2.25	6.25	8.02	5.31	1972
1973	8.42	6.88	25.5	15.3	7.25	1.80	0.778	0.837	0.631	0.321	2.01	3.45	5.18	1973
1974	5.52	5.02	13.5	23.2	14.4	3.58	1.22	1.18	1.31	1.31	3.03	3.26	5.40	1974
1975	3.58	2.82	13.1	22.5	8.76	2.47	0.570	0.701	0.511	0.108	0.324	2.48	4.83	1975
1976	1.80	3.58	18.3	22.4	5.75	1.01	1.02	1.22	1.24	1.21	1.24	1.18	4.88	1976
1977	0.825	1.02	14.8	9.45	2.89	1.12	1.03	0.714	0.612	1.15	3.39	6.85	3.85	1977
1978	8.81	5.71	8.31	27.8	8.87	1.70	0.887	0.819	0.888	0.858	3.18	3.96	5.77	1978
1979	8.21	4.58	22.0	22.9	9.30	3.21	0.818	0.828	0.231	1.57	4.10	7.83	6.88	1979
1980	7.25	3.88	11.8	16.4	7.80	1.55	0.821	0.985	1.81	1.81	4.45	7.24	5.47	1980
1981	1.78	19.7	10.4	7.37	5.13	4.08	1.84	1.57	5.78	8.23	7.88	8.44	6.37	1981
1982	3.85	2.01	5.26	24.0	5.73	3.28	1.31	1.83	1.34	0.639	8.34	13.6	5.80	1982
1983	8.88	7.54	11.4	12.4	15.4	4.36	1.30	1.19	0.398	0.348	1.81	5.02	5.85	1983
1984	3.61	12.8	10.9	25.7	10.5	2.07	1.23	1.52	1.15	0.282	1.81	3.88	6.18	1984
1985	5.00	5.80	16.8	20.2	8.31	2.37	1.44	1.24	3.68	2.34	9.78	6.88	8.62	1985
1986	4.75	3.91	12.7	12.1	3.88	5.57	2.22	3.27	7.46	14.1	8.61	8.17	8.87	1986
1987	3.88	2.48	10.3	21.5	2.54	1.44	0.880	0.821	0.713	1.20	4.08	10.4	5.00	1987
1988	4.27	5.98	9.57	17.0	3.61	1.04	0.418	0.553	0.885	1.04	2.18	2.57	4.05	1988
MEAN	3.74	4.18	9.45	17.9	7.89	2.78	1.28	1.30	1.80	2.08	3.70	5.18	5.05	MEAN

LOCATION - LAT 44 32 21 N DRAINAGE AREA, 401 km^2
LONG 77 22 15 W REGULATED

REMARKS - REGULATION TO MAINTAIN SUMMER FLOW

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	44.2 ON APR 6	0.585 ON AUG 5	155 000	1956
1957	---	28.8 ON DEC 22	0.453 ON OCT 12	130 000	1957
1958	28.3 ON MAR 31	26.2 ON MAR 31	0.311 ON NOV 3	84 500	1958
1959	46.7 ON APR 7	43.9 ON APR 7	0.367 ON OCT 19	129 000	1959
1960	49.5 ON APR 16	47.5 ON APR 15	0 ON SEP 22 *	173 000	1960
1961	---	16.3 ON APR 16	0.0288 ON FEB 6	89 100	1961
1962	35.7 AT 20:30 EST ON MAR 31	30.3 ON APR 1	0.586 ON JUL 18	101 000	1962
1963	45.6 AT 17:30 EST ON MAR 31	44.3 ON MAR 31	0.357 ON OCT 31	111 000	1963
1964	23.2 AT 08:00 EST ON APR 15	22.9 ON APR 15	0.504 ON SEP 27	105 000	1964
1965	82.3 AT 13:30 EST ON APR 13	54.7 ON APR 13	0.442 ON JUL 29	188 000	1965
1966	39.9 AT 08:00 EST ON DEC 9	37.9 ON DEC 9	0.045 ON OCT 6	153 000	1966
1967	36.6 AT 11:00 EST ON APR 3	36.2 ON APR 3	1.32 ON AUG 17	195 000	1967
1968	32.6 AT 14:05 EST ON MAR 30	30.6 ON MAR 28	0.867 ON JUL 21	130 000	1968
1969	88.9 AT 05:55 EST ON MAY 20	82.6 ON MAY 20	0.331 ON OCT 14	179 000	1969
1970	27.1 AT 18:58 EST ON APR 15	26.6 ON APR 15	0.384 ON OCT 12	127 000	1970
1971	43.8 AT 06:31 EST ON APR 21	43.3 ON APR 21	0.367 ON OCT 22	142 000	1971
1972	51.8 AT 17:50 EST ON APR 19	50.7 ON APR 19	1.12 ON SEP 22	199 000	1972
1973	51.5 AT 20:48 EST ON MAR 18	48.7 ON MAR 18	0.113 ON OCT 6	185 000	1973
1974	48.4 AT 11:20 EST ON APR 5	47.0 ON APR 5	0.804 ON AUG 21	202 000	1974
1975	57.2 AT 11:50 EST ON APR 20	54.9 ON APR 20	0.042 ON OCT 30	153 000	1975
1976	72.2 AT 21:01 EST ON APR 2	71.1 ON APR 2	0.314 ON JUN 24	157 000	1976
1977	44.5 AT 05:20 EST ON MAR 15	43.3 ON MAR 15	0.453 ON SEP 11	115 000	1977
1978	47.3 AT 23:27 EST ON APR 21	45.3 ON APR 22	0.051 ON AUG 20	182 000	1978
1979	54.9 AT 21:47 EST ON MAR 28	51.9 ON MAR 28	0.124 ON OCT 3	218 000	1979
1980	80.2 AT 09:00 EST ON MAR 22 *	76.0B ON MAR 22 *	0.800 ON AUG 11	173 000	1980
1981	72.8 AT 00:43 EST ON FEB 25	68.5 ON FEB 24	0.784 ON JUL 27	201 000	1981
1982	41.4 AT 11:25 EST ON APR 22	40.3 ON APR 22	0.537 ON SEP 22	183 000	1982
1983	27.4 AT 01:25 EST ON MAY 5	26.8 ON MAY 5	0.088A ON OCT 27	185 000	1983
1984	57.6 AT 19:25 EST ON APR 6	54.8 ON APR 7	0.188E ON OCT 14	195 000	1984
1985	32.3 AT 22:55 EST ON APR 7	31.6 ON APR 8	1.06 ON AUG 13	209 000	1985
1986	33.2 AT 04:25 EST ON MAR 31	32.7 ON MAR 31	1.09 ON MAY 16	220 000	1986
1987	57.3 AT 04:43 EST ON APR 7	55.8 ON APR 8	0.545 ON AUG 25	158 000	1987
1988	---	38.1 ON MAR 27	0.219 ON JUL 10	128 000	1988
				159 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	29.2	11.2	---	1967
1968	5.32	4.70	5.98	118	31.1	48.7	55.4	27.7	21.7	38.6	34.7	16.0	34.1	1968
1969	8.84	7.72	5.86	82.7	74.8	30.8	13.8	5.41	3.37	7.57	9.05	8.86	19.8	1969
1970	4.84	4.11	4.09	24.3	81.0	28.1	13.0	4.75	13.4	30.1	31.8	24.4	22.9	1970
1971	9.83	6.57	6.04	60.9	99.5	35.8	18.5	14.5	9.06	31.9	80.8	24.5	30.7	1971
1972	11.9	6.76	5.29	23.7	108	26.7	21.6	38.0	32.8	31.0	21.4	14.0	28.4	1972
1973	8.26	5.43	17.0	76.4	80.7	31.7	24.8	17.2	16.4	20.8	19.7	12.8	27.7	1973
1974	8.18	5.84	5.80	30.2	108	43.0	21.6	40.4	43.3	65.1	45.0	16.0	38.2	1974
1975	13.4	9.88	7.13	27.3	97.8	40.2	7.17	4.29	5.25	13.4	38.3	21.3	23.8	1975
1976	8.37	6.61	6.80	116	75.4	55.0	27.7	10.3	5.46	5.76	5.12	4.23	27.1	1976
1977	3.88	3.85	12.7	106	47.7	11.5	17.4	19.2	63.1	33.4	28.0	12.7	30.0	1977
1978	7.81	4.85	4.13	12.8	74.3	46.1	31.8	12.3	6.64	11.3	9.59	5.89	18.2	1978
1979	4.03	3.84	4.84	83.0	180	62.4	12.8	6.18	35.0	62.4	61.1	19.7	41.8	1979
1980	7.21	4.18	3.84	51.0	93.6	18.7	12.7	12.4	23.1	32.5	23.0	8.16	24.3	1980
1981	5.08	4.84	6.88	53.4	86.0	43.4	19.9	7.84	6.28	7.82	9.16	5.18	19.7	1981
1982	3.85	3.12	2.85	20.2	128	30.8	52.6	14.8	20.4	78.1	58.5	30.0	37.2	1982
1983	10.8	7.98	8.16	27.2	103	31.4	14.6	5.20	6.37	63.4	29.8	17.3	27.4	1983
1984	7.30	6.01	5.86	63.8	72.3	60.4	38.1	14.1	6.94	13.6	25.7	27.7	30.1	1984
1985	9.19	5.27	4.76	52.4	46.3	29.3	23.2	33.6	22.9	51.3	35.4	12.6	27.3	1985
1986	6.32	3.88	3.12	88.0	57.3	17.2	14.4	12.6	17.4	28.2	27.5	11.8	24.2	1986
1987	7.38	5.88	5.10	47.6	21.8	16.0	26.1	21.1	12.2	19.2	26.7	15.4	18.9	1987
1988	8.69	4.00	3.38	66.3	89.1	23.2	8.82	7.23	11.7	19.2	40.8	14.4	24.5	1988
MEAN	7.71	5.47	6.33	58.8	82.6	35.3	22.7	15.7	16.2	31.3	30.1	15.2	27.4	MEAN

LOCATION - LAT 48 41 20 N, LONG 88 12 45 W. DRAINAGE AREA, 1 980 km^2. NATURAL FLOW

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	229 ON APR 14	4.25 ON FEB 28	1 080 000	1968
1969	182 AT 08:30 EST ON APR 21	174 ON APR 21	3.00 ON SEP 20	827 000	1969
1970	185 AT 11:36 EST ON MAY 2	184 ON MAY 2	3.77 ON AUG 27	723 000	1970
1971	207 AT 18:10 EST ON MAY 28	205 ON MAY 28	5.89 ON FEB 20	871 000	1971
1972	198 AT 01:00 EST ON MAY 3	197 ON MAY 3	4.908 ON APR 11	888 000	1972
1973	188 AT 17:18 EST ON MAY 10	186 ON MAY 10	4.088 ON MAR 3	873 000	1973
1974	182 AT 11:08 EST ON MAY 4	181 ON MAY 4	5.38E ON MAR 31	1 140 000	1974
1975	198 AT 14:04 EST ON MAY 8	198 ON MAY 8	3.54 ON AUG 20	744 000	1975
1976	---	248 E ON APR 20	4.028 ON DEC 30	859 000	1976
1977	237 AT 09:30 EST ON APR 23	236 ON APR 23	3.948 ON FEB 11	848 000	1977
1978	122 AT 11:43 EST ON MAY 15	122 ON MAY 15	4.088 ON MAR 19	807 000	1978
1979	302 AT 18:48 EST ON MAY 12 *	301 ON MAY 12 *	3.48B ON FEB 21	1 310 000	1979
1980	232 AT 17:31 EST ON MAY 2	231 ON MAY 2	3.50B ON MAR 22	788 000	1980
1981	81.2 AT 18:02 EST ON APR 18	80.3 ON APR 18	3.88B ON FEB 16	822 000	1981
1982	237 AT 00:48 EST ON MAY 8	236 ON MAY 8	2.778 ON MAR 27	1 170 000	1982
1983	180 AT 21:36 EST ON MAY 4	158 ON MAY 4	4.38 ON SEP 5	884 000	1983
1984	186 AT 23:53 EST ON JUN 13	184 ON JUN 14	4.84 ON SEP 21	852 000	1984
1985	233 AT 09:29 EST ON APR 25	221 ON APR 25	4.60B ON MAR 22	881 000	1985
1986	180 AT 09:51 EST ON APR 21	158 ON APR 21	2.91B ON MAR 24	782 000	1986
1987	82.9 AT 09:51 EST ON APR 20	82.8 ON APR 20	4.84B ON MAR 17	598 000	1987
1988	---	187 ON MAY 4	2.44 ON AUG 3 *	774 000	1988
				864 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	15.3	5.10	4.20	4.43	13.4	11.4	14.1	---	1915
1916	23.7	40.8	28.5	110	52.1	20.9	7.02	2.69	1.29	7.88	20.3	43.8	29.8	1916
1917	13.6	7.00	27.2	93.8	38.0	16.2	13.9	7.17	2.72	8.22	12.8	8.33	21.0	1917
1918	4.84	3.78	31.6	80.8	28.4	17.3	8.38	3.27	7.08	16.5	25.7	39.6	22.2	1918
1919	45.1	13.8	58.9	86.8	41.0	23.1	6.99	2.69	1.83	5.44	28.8	31.3	27.1	1919
1920	8.97	4.67	48.6	93.3	28.2	15.7	4.46	1.27	1.34	3.58	14.2	41.7	19.6	1920
1921	18.2	7.00	78.5	83.8	24.9	17.2	4.13	1.82	0.933	2.46	5.05	14.1	20.0	1921
1922	10.1	8.83	34.3	110	32.1	11.7	4.83	5.25	12.2	7.92	8.44	11.3	21.3	1922
1923	7.83	4.45	5.75	93.3	44.1	32.7	8.81	4.81	5.26	4.26	8.51	31.8	24.1	1923
1924	21.2	15.6	26.8	72.7	56.6	23.8	7.30	5.85	4.38	4.11	5.04	7.15	20.8	1924
1925	4.11	5.34	52.7	84.7	19.0	12.3	9.34	5.73	4.81	6.77	39.5	22.1	20.8	1925
1926	13.5	7.22	8.80	71.2	73.2	24.2	20.8	11.8	12.4	21.0	66.9	39.6	30.2	1926
1927	12.5	6.43	53.0	37.6	33.6	35.4	18.7	6.78	4.81	8.73	16.8	33.3	22.4	1927
1928	23.2	15.2	26.3	127	36.8	19.5	15.6	8.84	8.43	36.9	36.4	30.8	31.5	1928
1929	28.1	15.0	72.6	101	70.6	23.8	5.84	3.81	1.32	1.38	2.86	3.03	27.4	1929
1930	20.7	19.6	32.6	70.8	39.6	30.5	13.6	5.08	2.82	2.23	7.00	3.88	20.6	1930
1931	2.75	2.88	5.48	86.6	26.5	9.11	8.31	2.00	2.46	3.29	18.3	25.3	13.6	1931
1932	41.1	35.4	25.9	88.2	27.4	6.38	4.76	3.08	10.6	29.2	86.3	39.6	29.0	1932
1933	28.1	13.5	10.6	87.6	40.3	14.5	4.74	4.73	2.15	1.48	2.46	16.6	18.7	1933
1934	15.6	11.6	16.7	78.7	31.0	12.1	4.77	1.95	4.67	3.39	18.1	21.0	18.6	1934
1935	15.1	11.4	54.1	60.1	16.5	18.0	10.6	4.00	2.23	2.48	19.2	18.6	17.6	1935
1936	8.21	4.81	33.5	84.7	47.9	16.0	4.01	3.11	3.44	3.18	8.67	11.7	19.1	1936
1937	45.6	30.3	16.0	84.7	39.1	11.0	3.65	2.67	5.12	7.65	23.7	13.6	21.2	1937
1938	7.22	16.1	65.2	86.5	21.4	6.43	3.77	2.38	8.85	8.64	11.5	11.8	19.4	1938
1939	14.3	7.56	10.7	86.5	86.3	11.5	4.88	4.81	2.30	4.18	10.9	8.66	18.4	1939
1940	3.88	2.82	2.46	62.6	46.0	21.2	5.76	3.95	16.6	14.1	23.2	24.1	18.9	1940
1941	26.1	12.6	10.9	74.9	21.3	4.20	2.59	2.27	5.09	31.7	49.8	30.3	22.6	1941
1942	19.7	7.70	51.0	81.6	39.3	20.0	4.76	4.26	3.26	7.36	33.6	21.2	22.9	1942
1943	19.1	16.5	43.0	107	84.3	19.3	4.82	4.59	5.32	3.88	19.7	10.5	26.3	1943
1944	8.77	6.46	9.93	80.6	38.3	13.8	8.52	3.65	3.11	3.18	4.81	8.84	13.8	1944
1945	6.46	7.42	74.0	48.0	32.2	30.5	9.95	4.27	2.84	13.0	21.3	12.6	22.0	1945
1946	22.5	14.6	71.4	28.8	21.1	9.31	2.85	2.05	3.00	1.98	4.67	18.1	18.6	1946
1947	16.7	20.7	22.9	128	65.1	35.2	11.1	5.45	2.43	2.23	2.88	6.18	26.2	1947
1948	7.50	5.55	65.0	71.9	28.8	9.86	3.87	2.78	2.09	3.21	19.5	18.8	20.0	1948
1949	25.1	21.4	36.2	82.4	22.2	5.19	2.58	1.23	1.88	2.88	4.50	34.9	20.3	1949
1950	63.6	24.6	20.3	72.7	23.7	5.66	2.82	4.54	1.88	1.84	11.7	26.7	21.8	1950
1951	30.4	16.3	51.1	118	36.0	6.83	7.01	3.31	4.85	12.3	37.1	32.0	28.7	1951
1952	26.0	19.0	16.0	109	26.8	13.6	4.85	3.01	3.19	3.09	15.0	27.5	22.4	1952
1953	16.5	12.7	65.0	51.2	27.2	12.7	8.86	3.62	1.82	1.91	8.08	17.8	18.1	1953
1954	12.8	23.1	83.2	77.1	29.8	9.97	3.30	2.31	16.6	86.9	23.6	12.8	27.8	1954
1955	12.5	8.88	28.5	93.8	22.3	5.79	2.02	1.87	4.23	14.1	33.7	12.9	20.0	1955
1956	7.18	5.24	7.73	84.3	55.8	21.7	15.3	6.56	7.46	7.41	9.46	16.5	18.9	1956
1957	13.5	12.6	28.8	47.1	15.4	13.2	44.9	6.26	7.05	15.7	27.3	41.5	23.7	1957
1958	26.5	11.3	16.4	32.2	16.0	5.30	5.35	3.34	4.85	13.5	14.5	14.8	13.1	1958
1959	12.0	10.4	20.4	104	50.8	15.9	5.19	3.28	3.16	4.34	21.4	33.9	24.1	1959
1960	15.7	15.1	15.8	130	72.5	23.7	15.3	4.79	5.05	1.88	4.85	4.23	26.2	1960
1961	3.48	3.18	26.9	62.9	36.0	16.5	8.98	3.84	4.04	1.71	5.59	25.4	15.8	1961
1962	11.4	7.31	27.5	83.1	23.2	6.15	2.40	1.36	1.34	4.99	17.2	12.4	14.6	1962
1963	7.44	5.19	18.7	60.3	38.9	10.1	2.58	2.28	3.88	2.57	10.3	12.8	14.3	1963
1964	11.8	15.6	30.0	43.6	29.8	7.80	2.34	1.14	0.837	0.789	1.14	12.1	13.1	1964
1965	18.9	17.1	18.9	81.6	43.1	5.86	1.80	1.03	2.59	24.0	31.9	50.5	24.7	1965
1966	30.0	15.3	36.5	42.6	22.5	26.6	5.03	1.57	1.14	1.78	27.5	57.2	23.1	1966
1967	24.2	19.7	14.9	77.7	26.9	37.4	38.0	6.65	5.10	29.6	63.6	48.4	32.9	1967
1968	26.2	33.6	30.5	56.0	12.4	5.85	2.33	1.33	1.32	1.52	4.84	16.2	15.2	1968
1969	11.4	14.1	27.7	77.0	63.4	22.8	15.0	2.32	1.18	2.01	25.1	16.2	22.3	1969
1970	8.03	9.66	12.1	76.5	43.2	10.7	13.2	7.23	5.24	13.5	30.1	32.0	21.7	1970
1971	15.5	12.9	21.6	102	38.4	7.80	4.13	1.83	1.39	1.44	5.15	22.8	18.5	1971
1972	20.4	14.0	14.1	84.3	50.0	13.7	8.13	8.06	4.36	14.5	33.2	22.1	24.3	1972
1973	31.4	31.2	47.0	61.7	32.6	13.6	5.72	6.43	2.00	4.21	25.9	30.4	27.8	1973
1974	30.7	30.0	30.9	68.7	65.1	12.5	4.30	3.09	5.14	21.6	42.7	25.7	27.5	1974
1975	32.3	18.7	34.0	76.0	38.4	6.70	2.10	1.27	2.13	2.47	8.38	27.4	18.8	1975
1976	12.6	13.4	80.0	68.8	16.3	4.28	3.44	2.41	2.92	4.81	11.2	10.6	19.3	1976
1977	5.27	4.42	58.8	52.3	6.50	1.82	1.88	1.72	1.82	10.1	27.8	31.8	17.2	1977
1978	22.7	13.3	12.8	76.0	28.8	8.35	2.28	1.91	1.98	5.26	12.1	18.6	17.8	1978
1979	20.8	15.6	64.3	76.7	31.1	6.47	2.88	2.70	2.28	11.6	38.3	50.3	28.9	1979
1980	26.8	12.6	33.9	86.5	18.4	14.8	14.3	16.8	7.98	26.5	34.3	30.4	27.1	1980
1981	15.0	48.1	45.5	43.5	24.2	10.7	6.10	3.06	6.30	11.6	17.7	16.3	20.8	1981
1982	13.4	12.6	16.6	107	28.7	15.6	8.44	2.97	4.41	11.4	42.1	71.7	28.0	1982
1983	42.0	20.8	37.7	44.6	54.0	16.2	2.85	1.17	1.01	3.88	17.6	25.2	22.5	1983
1984	13.1	42.2	36.8	87.7	26.3	13.2	7.53	3.00	3.85	4.77	25.6	39.8	22.6	1984
1985	40.1	24.3	59.1	103	29.8	7.58	4.81	2.81	21.1	24.8	42.0	30.1	32.3	1985
1986	23.7	20.0	45.8	67.7	21.4	15.8	7.32	6.81	18.1	48.3	19.7	23.0	26.6	1986
1987	12.6	9.38	38.0	66.0	8.87	4.77	2.75	0.871	0.618	1.47	6.70	22.0	14.4	1987
1988	26.1	26.1	26.4	82.4	23.5	4.84	1.18	1.18	1.38	5.47	31.6	19.1	20.6	1988
MEAN	18.8	15.0	34.2	78.1	35.7	14.7	7.42	3.81	4.82	9.86	20.5	24.2	22.0	MEAN

LOCATION - LAT 44 42 46 N DRAINAGE AREA, 1 520 km²
LONG 79 16 54 W NATURAL FLOW

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1916	---	140 ON APR 2	1.16 ON SEP 22	938 000	1916
1917	---	144 R ON APR 5	1.80 ON SEP 27	881 000	1917
1918	---	148 ON APR 3	2.48 ON FEB 5	700 000	1918
1919	---	127 ON MAR 28	0.983 ON OCT 1	858 000	1919
1920	---	138 ON MAR 26	0.810 ON SEP 2	821 000	1920
1921	---	141 ON MAR 25	0.738 ON SEP 14	831 000	1921
1922	---	187 ON APR 17	1.47 ON AUG 24	872 000	1922
1923	---	151 ON MAY 22	3.17 ON OCT 14	782 000	1923
1924	---	101 ON APR 7	2.69 ON SEP 29	869 000	1924
1925	---	129 ON MAR 28	3.03 B ON JAN 25	857 000	1925
1926	---	130 ON APR 26	7.22 B ON FEB 1	861 000	1926
1927	---	122 RB ON MAR 18	3.82 ON SEP 27	706 000	1927
1928	---	229 E ON APR 10 *	3.85 ON SEP 9	898 000	1928
1929	---	152 ON APR 10	0.736 ON OCT 3	865 000	1929
1930	---	105 ON APR 15	1.33 ON OCT 16	850 000	1930
1931	---	78.7 ON APR 12	0.878 ON AUG 31	434 000	1931
1932	---	107 ON APR 13	2.48 ON AUG 27	818 000	1932
1933	---	87.8E ON APR 1	1.18 ON OCT 8	581 000	1933
1934	---	110 ON APR 13	1.33 ON AUG 31	583 000	1934
1935	---	109 ON MAR 25	1.70 ON SEP 30	582 000	1935
1936	---	136 B ON MAR 31	1.70 ON AUG 14	803 000	1936
1937	---	78.4 ON APR 24	1.83 ON SEP 2	867 000	1937
1938	---	186 ON MAR 27	1.42 ON SEP 16	811 000	1938
1939	---	131 ON APR 28	1.33 ON OCT 4	878 000	1939
1940	---	102 ON APR 20	2.46 B ON MAR 1	586 000	1940
1941	---	100 ON APR 16	1.47 ON AUG 11	713 000	1941
1942	---	98.4 ON MAR 19	1.27 ON SEP 5	722 000	1942
1943	---	154 ON APR 3	2.38 ON OCT 12	891 000	1943
1944	---	88.3 ON APR 26	1.81 ON SEP 21	436 000	1944
1945	---	153 ON MAR 21	2.38 ON SEP 16	893 000	1945
1946	---	112 ON MAR 17	1.13 ON AUG 14	824 000	1946
1947	---	184 ON APR 13	1.42 ON OCT 13	827 000	1947
1948	---	170 ON MAR 26	1.27 ON OCT 5	832 000	1948
1949	---	138 B ON MAR 31	0.908 ON AUG 27	838 000	1949
1950	---	118 ON APR 8	1.13 ON OCT 8	888 000	1950
1951	---	146 ON APR 1	2.48 ON AUG 12	937 000	1951
1952	---	144 ON APR 16	2.18 ON SEP 12	710 000	1952
1953	---	121 ON MAR 29	1.42 ON SEP 16	572 000	1953
1954	---	146 ON OCT 17	1.70 ON AUG 23	871 000	1954
1955	---	121 ON APR 21	1.27 ON AUG 6	829 000	1955
1956	---	108 ON APR 7	4.38 B ON FEB 24	887 000	1956
1957	---	123 ON JUL 3	3.40 ON SEP 2	748 000	1957
1958	---	49.88 ON JAN 1	2.72 ON AUG 18	414 000	1958
1959	---	133 ON APR 13	2.83 ON SEP 14	759 000	1959
1960	---	183 ON APR 7	0.821 ON OCT 18	828 000	1960
1961	---	74.5 ON APR 18	1.22 ON OCT 23	498 000	1961
1962	---	107 ON MAR 31	0.917 ON SEP 4	489 000	1962
1963	---	121 B ON APR 2	1.39 ON AUG 30	481 000	1963
1964	---	80.0 ON APR 16	0.833 ON OCT 21	414 000	1964
1965	---	140 ON APR 16	0.738E ON AUG 1	777 000	1965
1966	---	128 ON DEC 9	1.02 ON SEP 21	728 000	1966
1967	---	117 ON APR 4	2.57 ON SEP 20	1 040 000	1967
1968	---	118 ON APR 2	0.983 ON AUG 17	812 000	1968
1969	---	113 ON APR 12	0.758 ON OCT 9	704 000	1969
1970	---	123 ON APR 23	2.87 ON AUG 31	884 000	1970
1971	---	158 ON APR 20	0.951 ON OCT 7	818 000	1971
1972	---	173 ON APR 20	2.32 ON SEP 25	788 000	1972
1973	---	183 ON MAR 14	1.38 ON SEP 19	870 000	1973
1974	---	140 ON APR 18	1.52 ON AUG 18	888 000	1974
1975	150 AT 04:53 EST ON APR 21	149 ON APR 21	0.906 ON AUG 24	835 000	1975
1976	200 AT 08:06 EST ON APR 3 *	189 ON APR 3	1.55 ON AUG 9	810 000	1976
1977	---	130 B ON MAR 15	1.02 ON JUL 31	843 000	1977
1978	108 AT 10:30 EST ON APR 22	106 ON APR 22	1.25 ON AUG 15	883 000	1978
1979	148 AT 17:57 EST ON MAR 26	147 ON MAR 26	1.47 ON OCT 1	850 000	1979
1980	136 AT 02:04 EST ON APR 17	136 ON APR 16	4.85 ON JUN 19	858 000	1980
1981	158 B AT 12:00 EST ON FEB 26	157 B ON FEB 26	2.12 ON AUG 26	648 000	1981
1982	190 AT 22:48 EST ON APR 21	189 ON APR 22	1.98 ON AUG 19	682 000	1982
1983	93.4 AT 04:05 EST ON MAY 10	93.1 ON MAY 10	0.853 ON SEP 12	710 000	1983
1984	104 AT 12:14 EST ON DEC 30	103 ON DEC 31	1.68 ON AUG 28	712 000	1984
1985	134 AT 05:51 EST ON APR 21	133 ON APR 21	2.07 ON AUG 24	1 020 000	1985
1986	143 AT 03:30 EST ON APR 3	143 ON APR 3	3.42 ON SEP 4	836 000	1986
1987	102 AT 08:16 EST ON APR 7	102 ON APR 7	0.437 ON SEP 19 *	455 000	1987
1988	---	147 ON APR 8	0.835 ON AUG 4	852 000	1988
				894 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	40.0	108	88.2	18.3	14.8	12.6	29.6	61.8	30.7	---	1971
1972	13.2	7.45	9.84	19.8	76.7	41.2	23.8	21.0	13.2	14.3	12.5	7.88	21.5	1972
1973	8.20	5.75	6.12	22.4	47.2	38.7	30.8	22.1	35.9	31.8	30.6	22.7	24.8	1973
1974	13.1	11.8	10.8	33.9	184	80.9	56.0	28.3	28.7	30.2	28.3	19.8	37.9	1974
1975	17.8	11.7	8.80	17.2	46.8	57.2	33.2	15.4	11.4	12.2	15.0	13.1	21.8	1975
1976	10.8	8.88	8.93	58.9	74.5	46.1	37.7	22.4	13.8	9.25	6.30	4.05	25.0	1976
1977	2.88	2.44	5.85	38.7	85.2	34.8	38.8	19.0	86.3	62.4	44.4	22.7	33.3	1977
1978	13.3	8.78	8.44	16.3	40.3	66.0	24.8	14.8	11.8	8.81	5.83	3.88	17.4	1978
1979	3.88	3.31	4.82	28.8	83.1	42.4	17.8	9.13	7.38	8.72	17.2	13.0	18.7	1979
1980	7.78	6.20	8.44	20.7	80.4	23.8	10.8	10.0	28.2	40.5	33.0	14.8	21.8	1980
1981	7.80	6.42	7.25	33.8	81.2	63.7	31.8	8.38	8.43	7.38	7.17	5.11	18.8	1981
1982	4.17	3.74	3.86	13.5	74.0	32.6	21.8	14.7	11.2	35.4	38.0	31.2	23.8	1982
1983	14.8	9.61	10.2	18.7	80.4	43.1	21.8	8.88	8.34	18.1	24.1	18.7	20.8	1983
1984	10.8	8.31	7.05	28.8	74.0	67.2	44.8	24.2	12.8	12.1	14.8	28.4	27.0	1984
1985	11.3	8.08	5.50	16.1	80.8	45.5	39.7	23.8	28.3	85.4	47.4	22.1	31.2	1985
1986	12.7	9.88	10.4	41.0	88.8	42.2	31.5	14.2	7.88	8.36	10.8	8.86	23.8	1986
1987	7.13	6.45	8.11	9.43	8.84	11.8	8.33	8.84	10.8	14.7	14.0	9.30	9.58	1987
1988	6.15	5.06	5.03	15.7	28.3	20.5	16.3	33.1	28.6	35.7	46.8	36.0	23.2	1988
MEAN	9.80	7.19	7.29	28.8	83.6	45.5	28.1	17.4	18.9	24.6	25.5	17.1	23.6	MEAN

LOCATION - LAT 48 54 13 N DRAINAGE AREA, 2 980 km²
LONG 88 22 38 W REGULATED

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	237 AT 08:10 EST ON MAY 26 *	230 ON MAY 26 *	---	---	1971
1972	93.4 AT 02:23 EST ON MAY 2	92.6 ON MAY 2	6.578 ON APR 8	661 000	1972
1973	88.1 AT 09:00 EST ON MAY 9	84.8 ON MAY 9	5.668 ON FEB 20	766 000	1973
1974	131 AT 07:12 EST ON MAY 13	128 ON MAY 13	10.4 B ON APR 3	1 180 000	1974
1975	91.2 AT 14:09 EST ON JUN 17	86.6 ON JUN 17	7.858 ON APR 8	887 000	1975
1976	143 AT 15:37 EST ON APR 17	136 ON APR 17	3.318 ON DEC 31	781 000	1976
1977	---	101 E ON SEP 11	2.358 ON FEB 26 *	1 050 000	1977
1978	---	79.9E ON JUN 3	3.778 ON DEC 12	849 000	1978
1979	128 AT 21:41 EST ON MAY 11	124 ON MAY 12	3.178 ON MAR 1	822 000	1979
1980	82.1 AT 10:31 EST ON MAY 3	81.7 ON MAY 3	5.708 ON MAR 27	693 000	1980
1981	84.1 AT 20:47 EST ON JUN 16	82.8 ON JUN 16	4.848 ON DEC 31	595 000	1981
1982	93.5 AT 04:26 EST ON MAY 15	93.1 ON MAY 15	3.908 ON APR 1	763 000	1982
1983	87.9 AT 04:22 EST ON MAY 15	87.5 ON MAY 15	4.76 ON SEP 28	857 000	1983
1984	93.3 AT 08:46 EST ON MAY 10	92.4 ON MAY 10	6.748 ON MAR 25	853 000	1984
1985	89.4 AT 23:21 EST ON SEP 24	81.9 ON OCT 6	5.388 ON MAR 20	983 000	1985
1986	126 AT 00:08 EST ON MAY 2	121 ON MAY 2	7.01 ON SEP 22	764 000	1986
1987	18.3 AT 09:16 EST ON OCT 18	18.0 ON OCT 18	4.15 ON AUG 8	302 000	1987
1988	---	70.2 ON NOV 17	4.888 ON MAR 21	734 000	1988
				746 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	12.5	2.45	1.87	3.06	15.4	12.9	4.81	---	1971
1972	2.41	1.68	1.23	4.59	31.4	8.87	5.29	5.81	5.26	11.8	7.08	2.88	7.24	1972
1973	1.70	1.10	1.80	17.9	19.7	7.48	7.86	2.67	2.77	5.41	6.85	5.28	6.73	1973
1974	1.90	1.24	1.04	3.58	43.8	15.9	10.7	4.01	3.64	10.6	7.95	3.78	8.08	1974
1975	2.37	1.48	1.16	4.18	32.5	22.4	3.98	1.38	0.880	1.84	5.11	2.95	5.87	1975
1976	1.35	0.903	0.848	22.7	19.5	15.7	6.32	2.91	1.52	2.00	2.20	1.41	6.42	1976
1977	1.08	0.851	1.48	26.4	21.5	11.2	10.8	3.23	12.1	8.65	6.88	4.12	9.52	1977
1978	1.80	1.13	0.947	1.85	20.0	23.4	3.88	3.48	2.51	2.37	2.73	1.84	5.49	1978
1979	0.785	0.637	0.920	8.78	32.0	9.58	3.36	1.85	2.98	4.88	8.80	3.55	6.71	1979
1980	2.05	1.31	0.977	11.8	27.7	4.86	1.26	0.755	4.50	7.95	7.73	2.98	6.08	1980
1981	1.56	1.22	1.62	14.7	16.4	10.0	5.41	1.10	0.838	0.981	2.37	1.89	4.80	1981
1982	0.851	0.674	0.532	8.14	37.1	7.12	4.03	1.83	4.13	12.1	9.22	6.15	7.89	1982
1983	2.28	1.33	1.44	3.00	26.3	7.70	4.47	0.921	0.874	9.88	7.43	3.77	5.81	1983
1984	1.96	1.56	1.15	17.2	33.4	13.9	7.01	5.33	3.15	5.11	8.28	5.84	8.09	1984
1985	3.84	1.86	1.19	12.3	30.3	8.11	8.84	10.6	15.1	21.8	13.7	4.85	10.1	1985
1986	2.26	1.67	1.41	20.8	25.6	4.43	8.85	1.71	2.40	8.89	8.38	2.45	7.47	1986
1987	1.87	1.28	1.37	12.4	6.22	3.89	1.74	3.01	2.12	8.52	5.88	2.05	4.08	1987
1988	1.51	1.06	0.898	9.39	33.7	4.88	3.40	8.12	18.3	15.8	10.9	4.00	8.40	1988
MEAN	1.86	1.22	1.18	11.7	24.6	10.7	5.75	3.26	4.82	8.41	7.28	3.84	7.84	MEAN

LOCATION - LAT 49 38 10 N DRAINAGE AREA, 660 km²
LONG 87 57 50 W NATURAL FLOW

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	56.1 ON MAY 5	1.10 B ON APR 8	229 000	1972
1973	52.6 AT 01:34 EST ON APR 26	52.1 ON APR 25	1.04 B ON FEB 15	212 000	1973
1974	52.1 AT 22:26 EST ON MAY 24	52.1 ON MAY 24	0.9519 ON MAR 15	287 000	1974
1975	56.1 AT 02:03 EST ON JUN 21	55.5 ON JUN 21	0.773 ON SEP 18	185 000	1975
1976	59.5 AT 05:47 EST ON APR 24	59.2 ON APR 23	0.7888 ON MAR 14	203 000	1976
1977	73.3 AT 22:06 EST ON APR 25 *	72.5 ON APR 25 *	0.844 ON FEB 25	303 000	1977
1978	39.1 AT 05:45 EST ON JUN 5	38.5 ON JUN 6	0.8188 ON MAR 25	173 000	1978
1979	48.2 AT 04:36 EST ON MAY 15	48.1 ON MAY 15	0.5888 ON FEB 18	211 000	1979
1980	52.4 AT 23:57 EST ON MAY 1	52.3 ON MAY 1	0.687 ON AUG 10	193 000	1980
1981	24.3 AT 11:36 EST ON APR 19	24.2 ON APR 19	0.488 ON SEP 25 *	161 000	1981
1982	---	54.4E ON MAY 5	0.4978 ON FEB 20	243 000	1982
1983	37.7 AT 18:52 EST ON MAY 5	37.4 ON MAY 5	0.497 ON SEP 7	183 000	1983
1984	47.5 AT 08:04 EST ON MAY 1	47.7 ON MAY 1	1.00 B ON MAR 12	258 000	1984
1985	60.1 AT 19:04 EST ON SEP 28	58.8 ON SEP 28	1.12 ON MAR 25	319 000	1985
1986	60.2 AT 07:11 EST ON MAY 2	60.1 ON MAY 2	1.30 ON MAR 25	236 000	1986
1987	21.1 AT 16:16 EST ON APR 20	21.1 ON APR 20	1.09 ON MAR 15	129 000	1987
1988	---	37.3 ON MAY 7	0.8508 ON MAR 22	286 000	1988
				222 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	33.3	31.7	20.0	11.7	7.18	17.3	13.4	10.6	---	1968
1969	9.76	8.28	8.16	---	---	25.5	13.7	14.7	8.78	17.7	55.6	34.6	---	1969
1970	14.3	---	---	40.8	76.1	41.0	24.5	10.5	5.78	10.3	11.1	9.86	---	1970
1971	8.33	5.88	8.04	54.9	71.8	20.8	8.48	---	---	---	23.1	27.8	---	1971
1972	10.3	8.45	8.26	26.1	87.6	26.0	14.5	11.8	14.8	---	---	---	---	1972
1973	---	5.84	19.3	54.4	84.0	29.0	17.7	10.5	14.4	22.3	22.3	12.0	---	1973
1974	8.14	5.63	8.51	63.7	106	38.4	27.4	9.89	9.43	21.2	22.2	11.1	27.4	1974
1975	7.17	5.14	5.11	38.4	73.1	48.1	11.0	3.61	3.16	5.61	10.3	10.7	18.5	1975
1976	6.27	5.31	9.01	121	85.8	16.3	8.78	4.06	15.2	16.3	13.5	8.67	24.2	1976
1977	6.42	6.12	10.8	97.8	49.3	13.8	5.84	3.23	3.41	3.94	13.8	9.78	18.3	1977
1978	6.00	5.46	6.10	11.8	93.1	26.9	25.7	9.74	9.15	24.5	14.1	9.78	20.4	1978
1979	8.76	6.88	7.66	71.0	117	52.3	13.7	8.21	12.3	27.1	33.8	20.0	31.3	1979
1980	8.05	6.04	5.38	65.7	52.5	15.8	7.81	5.13	6.48	15.4	15.5	8.88	18.8	1980
1981	5.26	5.28	14.3	110	36.4	21.1	10.0	3.71	3.05	16.9	13.1	7.39	20.5	1981
1982	5.61	4.48	4.38	36.6	70.8	18.4	10.7	5.00	7.64	16.9	22.1	18.0	18.7	1982
1983	8.92	5.78	8.78	48.5	107	49.7	12.9	5.36	3.83	12.8	8.88	8.88	23.0	1983
1984	4.82	8.17	9.48	76.1	43.2	28.4	26.7	10.8	8.58	12.5	28.8	20.3	23.2	1984
1985	11.8	7.11	7.18	70.3	61.1	20.3	24.3	14.2	9.38	12.8	28.8	18.5	24.0	1985
1986	7.88	5.39	5.80	68.1	61.1	14.3	5.62	11.5	20.2	25.2	21.0	11.3	22.8	1986
1987	7.20	5.04	11.5	50.8	30.7	35.5	15.6	8.24	4.61	16.2	14.0	12.1	17.7	1987
1988	8.61	5.87	5.90	106	79.8	17.9	7.62	17.1	14.1	29.5	51.5	23.4	30.8	1988
MEAN	7.87	5.84	8.13	65.2	69.8	28.4	15.3	8.88	8.85	17.3	21.9	14.8	22.8	MEAN

LOCATION - LAT 47 53 21 N
LONG 79 52 45 W
DRAINAGE AREA, 1 780 km^2
NATURAL FLOW

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	269 AT 05:15 EST ON MAY 2 *	246 ON MAY 2	---	---	1970
1971	135 AT 01:23 EST ON MAY 1	---	---	---	1971
1972	227 AT 02:38 EST ON MAY 1	202 ON MAY 1	5.97 ON MAR 23	---	1972
1973	126 AT 01:00 EST ON MAY 3	123 ON MAY 3	4.73 ON FEB 28	---	1973
1974	227 AT 13:22 EST ON APR 28	221 ON APR 28	4.08 ON SEP 9	685 000	1974
1975	159 AT 03:30 EST ON MAY 2	154 ON MAY 2	2.32E ON SEP 3	583 000	1975
1976	288 AT 01:18 EST ON APR 20	280 ON APR 20 *	1.94 ON SEP 2 *	705 000	1976
1977	---	210 E ON APR 23	2.69 ON AUG 28	577 000	1977
1978	---	158 E ON MAY 16	3.86B ON APR 1	642 000	1978
1979	---	221 B ON APR 28	3.85B ON MAR 3	888 000	1979
1980	182 AT 00:00 EST ON APR 29	180 ON APR 29	3.53 ON SEP 16	569 000	1980
1981	214 AT 04:22 EST ON APR 5	204 ON APR 5	3.14 ON SEP 4	651 000	1981
1982	151 AT 01:22 EST ON MAY 1	147 ON MAY 2	3.92 ON SEP 13	591 000	1982
1983	210 AT 18:37 EST ON MAY 30	181 ON MAY 3	3.36 ON SEP 16	724 000	1983
1984	133 AT 23:18 EST ON APR 20	125 ON APR 20	3.80B ON FEB 2	735 000	1984
1985	232 AT 01:15 EST ON APR 25	228 ON APR 25	5.40B ON MAR 24	757 000	1985
1986	144 AT 05:24 EST ON APR 21	139 ON APR 21	4.18 ON JUL 24	723 000	1986
1987	96.3 AT 13:00 EST ON JUN 3	82.9 ON JUN 3	3.91 ON SEP 28	559 000	1987
1988	---	186 ON APR 14	4.21 ON AUG 2	987 000	1988
				714 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	1.00	9.40	5.79	4.89	2.68	1.83	1.83	2.78	2.22	1.85	---	1968
1969	1.35	1.22	1.18	8.45	11.4	4.02	1.80	2.19	1.01	3.40	8.79	4.24	4.02	1969
1970	1.28	0.718	0.473	2.08	11.2	5.84	5.09	1.84	0.626	1.35	1.89	2.32	2.90	1970
1971	1.45	1.13	1.50	5.78	13.5	4.01	0.867	0.440	1.15	1.89	3.85	3.45	3.38	1971
1972	1.84	1.08	0.856	1.30	11.3	5.85	---	---	---	---	---	---	---	1972
1974	---	---	---	---	14.8	8.31	8.30	---	---	---	---	---	---	1974
1975	1.14	0.907	0.845	2.97	9.85	7.20	1.39	0.265	0.226	0.345	1.38	1.87	2.35	1975
1976	0.885	0.833	0.885	14.1	10.7	2.42	0.840	0.402	1.02	2.39	1.75	1.11	3.08	1976
1977	0.844	0.751	1.30	10.2	8.87	1.72	0.843	0.238	0.180	0.185	1.04	1.38	2.11	1977
1978	0.789	0.844	0.884	1.30	11.3	---	---	---	---	---	---	---	---	1978
MEAN	1.21	0.887	0.956	5.84	10.7	4.71	2.41	1.03	0.880	1.76	3.12	2.29	2.98	MEAN

LOCATION - LAT 48 06 31 N DRAINAGE AREA, 251 km²
LONG 80 06 21 W NATURAL FLOW

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	15.0 ON APR 19	---	---	1968
1969	17.8 AT 12:30 EST ON MAY 4	17.7 ON MAY 4	0.691E ON SEP 25	127 000	1969
1970	18.7 AT 05:20 EST ON MAY 3	18.5 ON MAY 3	0.343 ON SEP 24	91 400	1970
1971	17.8 AT 02:25 EST ON MAY 3	17.5 ON MAY 3	0.283 ON AUG 28	103 000	1971
1972	15.0 AT 15:52 EST ON MAY 7	14.9 ON MAY 7	---	---	1972
1974	18.8 AT 14:59 EST ON MAY 3	18.5 ON MAY 3	---	---	1974
1975	17.3 AT 03:50 EST ON MAY 4	17.2 ON MAY 4	0.139A ON SEP 2 *	74 300	1975
1976	---	30.0 ON APR 20 *	0.238A ON SEP 1	97 400	1976
1977	24.3 AT 03:25 EST ON APR 23 *	24.2 ON APR 23	0.139A ON SEP 22	86 800	1977
1978	---	17.0 ON MAY 14	---	---	1978
				93 300	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.072	0.143	0.518	0.360	0.137	0.057	0.088	0.021	0.021	0.038	0.152	0.198	0.153	1970
1971	0.127	0.154	0.480	0.849	0.142	0.057	0.037	0.021	0.015	0.021	0.018	0.074	0.172	1971
1972	0.123	0.116	0.417	0.569	0.118	0.057	0.045	0.038	0.014	0.083	0.243	0.312	0.177	1972
1973	0.371	0.281	0.538	0.405	0.147	0.053	0.015	0.007	0.005	0.005	0.014	0.085	0.158	1973
1974	0.390	0.189	0.281	0.400	0.301	0.076	0.033	0.010	0.014	0.018	0.038	0.120	0.147	1974
1975	0.255	0.238	0.517	0.381	0.100	0.110	0.024	0.010	0.017	0.027	0.067	0.125	0.158	1975
1976	0.136	0.554	0.667	0.333	0.250	0.110	0.052	0.026	0.022	0.059	0.085	0.082	0.188	1976
1977	0.062	0.049	0.608	0.291	0.075	0.028	0.015	0.012	0.021	0.115	0.228	0.400	0.177	1977
1978	0.417	0.174	0.481	0.838	0.142	0.040	0.013	0.006	0.009	0.012	0.042	0.118	0.197	1978
1979	0.230	0.137	1.02	0.618	0.118	0.030	0.011	0.009	0.021	0.074	0.184	0.315	0.223	1979
1980	0.178	0.085	0.510	0.313	0.114	0.046	0.110	0.078	0.088	0.101	0.158	0.238	0.167	1980
1981	0.082	0.788	0.206	0.091	0.046	0.042	0.030	0.025	0.175	0.088	0.142	0.070	0.142	1981
1982	0.202	0.065	0.430	0.328	0.088	0.142	0.045	0.028	0.020	0.154	0.228	0.226	0.184	1982
1983	0.174	0.214	0.232	0.387	0.305	0.085	0.018	0.015	0.012	0.015	0.138	0.833	0.172	1983
1984	0.143	0.626	0.362	0.638	0.248	0.081	0.031	0.021	0.018	0.011	0.034	0.048	0.184	1984
1985	0.048	0.177	0.784	0.281	0.068	0.035	0.022	0.017	0.019	0.028	0.230	0.181	0.155	1985
1986	0.268	0.174	0.563	0.230	0.133	0.043	0.038	0.035	0.134	0.287	0.202	0.485	0.219	1986
1987	0.152	0.102	0.387	0.435	0.064	0.033	0.024	0.026	0.030	0.035	0.081	0.278	0.138	1987
1988	0.115	0.157	0.368	0.258	0.083	0.028	0.018	0.007	0.004	0.008	0.083	0.095	0.101	1988
MEAN	0.186	0.230	0.502	0.427	0.137	0.061	0.038	0.022	0.035	0.061	0.121	0.208	0.188	MEAN

LOCATION - LAT 43 59 26 N DRAINAGE AREA, 13.9 km²
LONG 77 13 06 W NATURAL FLOW

REMARKS - DRAINAGE AREA REVISED OCT 1983 USING NEW INFORMATION

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO 02HE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	2.63 AT 23:03 EST ON MAR 26	1.89 ON MAR 26	0.014 ON AUG 28	4 830	1970
1971	2.78 AT 21:37 EST ON APR 4	2.25 ON APR 4	0.012 ON SEP 2	5 430	1971
1972	2.40 AT 17:05 EST ON MAR 22	1.66 ON APR 2	0.006 ON SEP 23	5 810	1972
1973	4.87 AT 23:02 EST ON FEB 2	1.79 ON FEB 2	0.003 ON AUG 23	5 010	1973
1974	3.82 AT 14:26 EST ON JAN 27	2.63 ON JAN 27	0.003 ON AUG 28	4 880	1974
1975	3.40 AT 23:10 EST ON MAR 18	2.08 ON MAR 20	0.003 ON AUG 23	4 830	1975
1976	4.78 AT 12:03 EST ON MAR 21	3.46 ON MAR 21	0.014 ON SEP 9	6 250	1976
1977	3.74 AT 11:41 EST ON MAR 13	3.14 ON MAR 13	0.007 ON AUG 3	5 570	1977
1978	---	4.22E ON APR 1	0.005 ON AUG 22	6 270	1978
1979	8.98 AT 07:02 EST ON MAR 8	4.88 ON MAR 8 *	0.006 ON AUG 22	7 030	1979
1980	8.44 AT 20:48 EST ON MAR 21 *	3.33 ON MAR 21	0.022 ON OCT 23	5 280	1980
1981	6.05 AT 21:23 EST ON FEB 20	4.71 ON FEB 20	0.009 ON OCT 17	4 490	1981
1982	1.80 AT 17:57 EST ON MAR 20	1.26 ON MAR 20	0.012 ON MAY 27	5 180	1982
1983	2.10 AT 04:33 EST ON FEB 3	1.83 ON DEC 15	0.010 ON SEP 4	5 440	1983
1984	5.14 AT 17:48 EST ON FEB 14	4.13 ON FEB 14	0.008 ON OCT 30	5 810	1984
1985	3.82 AT 14:41 EST ON MAR 12	2.86 ON MAR 12	0.011 ON AUG 12	4 900	1985
1986	3.06 AT 18:33 EST ON MAR 19	2.42 ON MAR 19	0.017 ON AUG 20	5 800	1986
1987	2.23 AT 14:01 EST ON APR 6	1.92 ON APR 6	0.017 ON JUL 21	4 280	1987
1988	---	1.33 ON MAR 26	0 ON AUG 14 *	3 180	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 310	MEAN

E - ESTIMATED

BLUE JAY CREEK NEAR YENKUMMAH - STATION NO. 02CG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	0.627	0.413	0.421	0.498	0.785	0.842	---	1985
1986	0.807	0.466	1.01	0.747	0.517	0.448	0.622	0.417	0.417	0.469	0.483	0.807	0.637	1986
1987	0.440	0.428	0.709	0.827	0.453	0.416	0.414	0.386	0.407	0.807	0.504	0.778	0.607	1987
1988	0.534	0.804	0.735	1.07	0.500	0.432	0.414	0.410	0.403	0.676	0.872	0.863	0.611	1988
MEAN	0.494	0.499	0.818	0.815	0.490	0.432	0.418	0.411	0.412	0.643	0.661	0.803	0.662	MEAN

LOCATION - LAT 46 39 06 N DRAINAGE AREA, 17.9 km^2
LONG 81 59 15 W NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE 28 1985

BLUE JAY CREEK NEAR YENKUMMAH - STATION NO 02CG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	3.15 AT 16:50 EST ON MAR 30 *	2.73 ON MAR 30 *	0.382 ON SEP 9	15 800	1986
1987	1.73 AT 08:28 EST ON APR 6	1.27 ON MAR 24	0.383 ON SEP 10 *	15 000	1987
1988	---	2.84 ON APR 3	0.385 ON SEP 18	19 300	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 400	MEAN

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.307	0.474	0.902	---	1965
1966	0.509	0.582	0.988	0.747	0.588	0.397	0.206	0.181	0.158	0.147	0.285	0.513	0.428	1966
1967	0.377	0.400	0.531	1.50	0.648	0.618	0.671	0.342	0.281	0.405	0.448	0.585	0.587	1967
1968	0.439	0.821	1.32	0.872	0.575	0.398	0.271	0.487	0.451	0.364	0.526	0.881	0.687	1968
1969	0.575	0.594	1.03	1.48	0.903	0.538	0.381	0.348	0.188	0.202	0.383	0.262	0.575	1969
1970	0.206	0.230	0.417	1.10	0.588	0.334	0.312	0.231	0.277	0.342	0.512	0.642	0.434	1970
1971	0.428	0.438	0.885	1.84	0.644	0.578	0.370	0.441	0.378	0.217	0.231	0.497	0.537	1971
1972	0.447	0.406	0.498	2.09	0.938	0.580	0.480	0.288	0.247	0.388	0.510	0.620	0.621	1972
1973	0.687	0.703	1.96	1.23	0.823	0.517	0.278	0.262	0.206	0.287	0.518	0.478	0.662	1973
1974	0.857	0.720	1.45	1.26	1.31	0.670	0.381	0.250	0.220	0.203	0.302	0.285	0.644	1974
1975	0.382	0.453	0.982	1.38	0.842	0.530	0.288	0.288	0.295	0.240	0.284	0.435	0.530	1975
1976	0.376	0.801	2.15	1.61	1.37	0.856	0.518	0.348	0.430	0.388	0.404	0.293	0.776	1976
1977	0.237	0.228	1.49	1.11	0.530	0.347	0.277	0.311	0.568	0.870	0.920	1.10	0.684	1977
1978	0.781	0.586	0.710	2.17	1.15	0.597	0.337	0.293	0.348	0.270	0.318	0.375	0.880	1978
1979	0.418	0.306	1.44	1.97	1.28	0.869	0.361	0.312	0.255	0.248	0.414	0.678	0.886	1979
1980	0.620	0.344	0.914	1.26	0.872	0.498	0.386	0.258	0.221	0.286	0.247	0.340	0.518	1980
1981	0.218	0.438	0.627	0.569	0.431	0.304	0.364	0.300	0.412	0.538	0.608	0.436	0.487	1981
1982	0.381	0.306	0.596	1.08	0.717	0.780	0.623	0.342	0.343	0.286	0.533	0.882	0.646	1982
1983	0.687	0.802	0.838	1.15	1.18	0.801	0.312	0.262	0.218	0.250	0.300	0.369	0.580	1983
1984	0.267	0.930	0.914	1.36	0.789	0.643	0.330	0.248	0.288	0.224	0.358	0.408	0.546	1984
1985	0.408	0.601	1.88	2.84	0.831	0.476	0.398	0.432	0.554	0.385	1.17	0.838	0.882	1985
1986	0.657	0.512	1.16	0.834	0.850	0.665	0.632	0.547	1.45	1.77	0.748	0.740	0.857	1986
1987	0.602	0.488	1.00	1.46	0.828	0.369	0.275	0.208	0.181	0.211	0.305	0.544	0.624	1987
1988	0.349	0.418	0.758	0.738	0.544	0.237	0.202	0.208	0.192	0.268	0.387	0.285	0.378	1988
MEAN	0.484	0.548	1.06	1.40	0.817	0.513	0.370	0.311	0.354	0.378	0.485	0.641	0.600	MEAN

LOCATION - LAT 43 34 35 N DRAINAGE AREA, 44.5 km^2
LONG 80 08 36 W REGULATED

REMARKS - MINOR REGULATION

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	1.83 AT 01:00 EST ON MAR 30	1.70 ON MAR 30	0.133 ON OCT 8	13 800	1986
1987	4.58 AT 15:00 EST ON APR 3	3.71 ON APR 3	0.221 ON SEP 15	17 800	1987
1988	3.11 AT 14:30 EST ON MAR 19	2.80 ON MAR 20	0.187 ON JUL 27	14 900	1988
1989	3.83 AT 09:08 EST ON APR 6	3.54 ON MAR 25	0.138 ON OCT 7	16 200	1989
1970	2.12 AT 04:03 EST ON APR 10	2.00 ON APR 10	0.158 ON AUG 18	13 700	1970
1971	3.58 AT 05:42 EST ON APR 14	2.49 ON APR 14	0.153 ON DEC 3	15 800	1971
1972	5.86 AT 08:30 EST ON APR 15	5.44 ON APR 15	0.213 ON SEP 21	18 800	1972
1973	4.80 AT 12:48 EST ON MAR 12	4.11 ON MAR 12	0.118 ON SEP 10 *	20 900	1973
1974	4.78 AT 02:40 EST ON MAR 6	4.36 ON MAR 6	0.178 ON OCT 11	20 300	1974
1975	5.77 AT 20:27 EST ON APR 15	4.15 ON APR 15	0.159 ON OCT 31	15 700	1975
1976	7.33 AT 15:53 EST ON MAR 21	5.52 ON MAR 21	0.176 ON SEP 15	24 800	1976
1977	5.64 AT 01:14 EST ON MAR 14	5.48 ON MAR 14	0.118 ON JUL 27	21 100	1977
1978	3.77 AT 08:32 EST ON APR 12	3.57 ON APR 12	0.221 ON OCT 24	20 800	1978
1979	7.33 AT 21:48 EST ON APR 15	5.48 ON APR 15	0.185 ON SEP 25	21 900	1979
1980	6.09 AT 13:06 EST ON MAR 22	5.08 ON MAR 22	0.158 ON SEP 12	15 400	1980
1981	2.96 AT 15:35 EST ON FEB 21	2.91 ON FEB 21	0.195 ON AUG 27	14 700	1981
1982	9.06 AT 12:38 EST ON APR 1 *	7.19 ON APR 1 *	0.232 ON OCT 25	20 400	1982
1983	2.17 AT 23:47 EST ON MAY 3	2.06 ON MAY 4	0.162 ON SEP 14	15 300	1983
1984	2.84 AT 11:33 EST ON APR 6	2.47 ON APR 6	0.192 ON OCT 7	17 300	1984
1985	7.63 AT 17:40 EST ON APR 6	7.08 ON APR 6	0.251A ON FEB 12	27 800	1985
1986	7.96 AT 19:24 EST ON SEP 30	5.54 ON SEP 30	0.283 ON JUL 16	27 000	1986
1987	3.83 AT 19:48 EST ON APR 6	3.35 ON APR 6	0.118 ON SEP 7	15 500	1987
1988	---	2.38A ON MAR 27	0.133 ON JUL 15	11 800	1988
				18 900	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	2.75	---	1984
1985	0.717	3.18	6.83	4.05	0.837	0.284	0.226	0.187	0.307	1.05	2.36	1.21	1.72	1985
1986	1.26	0.671	5.50	1.24	0.615	0.278	0.118	0.135	4.84	2.42	0.725	1.11	1.55	1986
1987	0.730	0.336	3.08	1.62	0.241	0.183	0.154	0.284	0.092	0.589	2.08	2.71	0.998	1987
1988	1.02	1.22	3.18	1.04	0.408	0.078	0.022	0.030	0.078	1.77	2.80	1.75	1.10	1988
MEAN	0.932	1.35	4.60	1.94	0.475	0.198	0.130	0.182	1.25	1.65	1.94	1.81	1.34	MEAN

LOCATION - LAT 43 45 38 N
LONG 81 27 46 W
DRAINAGE AREA, 77.7 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 1984

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	32.7 AT 18:11 EST ON MAR 28	25.5 ON MAR 28 *	0.080 ON AUG 13	84 300	1985
1986	35.7 AT 01:24 EST ON SEP 30 *	25.7 ON SEP 11	0.044 ON AUG 14	49 100	1986
1987	20.4 AT 01:38 EST ON NOV 28	13.7 ON NOV 28	0.036 ON JUL 31	31 400	1987
1988	---	13.9 ON MAR 26	0.008 ON AUG 23 *	34 800	1988
				42 400	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.018	0.016	0.078	0.374	---	1975
1976	0.135	0.148	1.32	0.881	0.121	0.021	0.020	0.008	0.043	0.041	0.085	0.087	0.242	1976
1977	0.025	0.040	0.857	0.384	0.024	0.003	0.002	0.001	0.014	0.142	0.383	0.227	0.177	1977
1978	0.133	0.045	0.080	0.984	0.238	0.013	0.001	0.008	0.003	0.084	0.224	0.184	0.162	1978
1979	0.124	0.100	0.954	0.727	0.190	0.027	0.007	0.011	0.004	0.218	0.448	0.401	0.268	1979
1980	0.127	0.014	0.483	0.982	0.074	0.188	0.325	0.041	0.048	0.381	0.285	0.204	0.281	1980
1981	0.047	1.15	0.391	0.380	0.202	0.054	0.007	0.017	0.184	0.183	0.188	0.108	0.233	1981
1982	0.082	0.045	0.158	1.48	0.068	0.258	0.002	0	0.033	0.112	0.531	0.718	0.291	1982
1983	0.208	0.158	0.383	0.421	0.848	0.103	0.001	0	0	0.008	0.193	0.148	0.189	1983
1984	0.089	0.402	0.351	0.700	0.283	0.088	0.095	0.011	0.004	0.049	0.381	0.547	0.247	1984
1985	0.171	0.154	0.389	1.17	0.143	0.032	0.030	0.001	0.183	0.370	0.448	0.203	0.272	1985
1986	0.087	0.068	0.887	0.538	0.187	0.138	0.044	0.021	0.214	0.247	0.080	0.138	0.205	1986
1987	0.088	0.057	0.216	0.434	0.070	0.045	0.055	0	0.002	0.018	0.184	0.423	0.140	1987
1988	0.150	0.348	0.381	1.25	0.183	0.005	0	0	0	0.177	0.037	0.128	0.250	1988
MEAN	0.113	0.202	0.617	0.788	0.185	0.075	0.068	0.009	0.052	0.144	0.287	0.275	0.228	MEAN

LOCATION - LAT 44 58 07 N
LONG 78 48 07 W
DRAINAGE AREA, 31.8 km^2
NATURAL FLOW

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---		---	1975
1976	8.89 AT 05:03 EST ON APR 1 *	7.31 ON APR 1 *	0 ON AUG 22 *	---	1976
1977	5.41 AT 09:01 EST ON MAR 14	4.53 ON MAR 14	0 ON JUL 22	7 550	1977
1978	2.15 AT 15:04 EST ON APR 21	2.11 ON APR 21	0 ON JUN 12	5 550	1978
1979	7.59 AT 10:54 EST ON MAR 25	5.37 ON MAR 25	0 ON JUN 27	5 120	1979
			0 ON JUN 29	6 450	
1980	6.41 AT 02:00 EST ON JUL 30	3.92 ON JUL 30	0 ON AUG 20	8 240	1980
1981	5.03 AT 05:05 EST ON FEB 24	4.54 ON FEB 24	0 ON JUL 17	7 380	1981
1982	6.80 AT 01:27 EST ON APR 18	5.54 ON APR 18	0 ON JUL 10	8 130	1982
1983	4.74 AT 18:15 EST ON MAY 8	3.28 ON MAY 8	0 ON JUL 11	5 950	1983
1984	8.27 AT 20:15 EST ON DEC 29	3.73 ON DEC 29	0 ON JUN 28	7 510	1984
1985	3.36 AT 06:23 EST ON APR 19	3.09 ON APR 19	0 ON JUN 13	8 570	1985
1986	4.55 AT 05:24 EST ON MAR 31	3.94 ON MAR 31	0 ON JUL 9	8 480	1986
1987	2.36 AT 10:27 EST ON APR 7	2.04 ON APR 7	0 ON AUG 1	4 400	1987
1988	---	4.30E ON APR 3	0 ON JUN 28	7 900	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 130	MEAN

E - ESTIMATED

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	7.02	7.17	10.4	5.32	3.94	4.35	---	1915
1916	5.50	5.57	9.55	45.5	58.0	26.4	14.5	7.78	6.40	7.05	---	---	---	1916
MEAN	5.50	5.57	9.55	45.5	58.0	26.4	10.8	7.47	8.40	6.19	3.94	4.35	---	MEAN

LOCATION - LAT 45 34 27 N
LONG 77 14 00 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	78.7 ON MAY 9 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	8.16	5.81	6.88	---	1916
1917	8.74	14.6	36.8	58.5	43.4	18.0	9.88	7.14	8.38	8.24	8.31	8.85	19.0	1917
1918	8.14	9.89	10.9	35.1	18.4	15.0	8.08	6.83	7.53	12.0	28.8	27.5	15.8	1918
1919	31.0	23.0	29.6	54.1	44.3	21.9	8.77	6.21	6.53	8.91	11.0	11.0	27.8	1919
1920	13.2	10.3	43.8	38.1	25.0	11.0	7.20	7.00	6.81	8.38	8.87	10.2	14.6	1920
1921	10.2	8.54	43.4	55.7	37.4	12.0	8.28	8.01	8.75	---	---	---	---	1921
MEAN	14.5	12.8	32.8	48.7	41.8	23.5	8.24	7.00	7.18	7.83	11.6	12.3	19.3	MEAN

LOCATION - LAT 45 28 55 N
LONG 76 41 15 W
DRAINAGE AREA, 2 280 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	249 ON MAR 28	2.87 ON DEC 27	801 000	1917
1918	---	106 ON APR 2	4.30 ON MAR 3	500 000	1918
1919	---	271 ON MAY 23 *	1.13 ON AUG 3 *	975 000	1919
1920	---	181 ON MAR 13	4.48 ON OCT 17	456 000	1920
1921	---	191 ON MAR 30	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		809 000	MEAN

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	---	5.05	5.20	---	1921
1922	4.65	4.18	17.0	53.5	41.2	19.7	8.98	5.47	5.21	4.41	5.52	5.54	14.6	1922
1923	5.18	5.10	7.98	55.0	83.4	33.9	10.7	6.38	5.14	5.45	5.97	13.8	18.3	1923
1924	12.1	10.9	19.8	55.6	57.0	24.4	7.68	6.71	5.84	5.13	5.22	4.98	18.1	1924
1925	5.61	7.30	33.9	34.1	28.1	26.4	17.9	8.70	6.27	5.57	5.57	5.03	15.5	1925
1926	5.32	5.04	4.78	33.4	52.6	32.8	15.7	10.5	6.93	5.98	10.6	14.1	15.8	1926
1927	13.7	11.2	40.1	30.7	30.1	36.6	20.3	20.0	11.4	9.22	20.4	25.4	22.6	1927
1928	21.5	18.6	21.6	123	71.7	31.2	12.3	15.1	10.6	15.8	29.3	41.7	33.6	1928
1929	23.0	19.5	48.4	113	81.2	19.3	6.98	5.87	5.33	5.53	5.14	3.81	28.1	1929
1930	3.85	5.84	7.48	13.4	10.6	19.7	7.83	4.88	5.05	5.07	4.72	4.64	7.74	1930
1931	4.28	3.85	4.84	19.8	10.7	10.2	5.75	5.80	6.80	5.83	6.38	6.36	7.58	1931
1932	11.0	11.0	11.5	51.1	38.6	11.7	5.00	5.47	5.86	5.44	5.69	11.4	14.6	1932
1933	11.6	8.63	9.80	71.2	48.2	13.3	5.28	5.69	6.05	5.43	5.62	5.52	16.5	1933
1934	4.96	4.42	4.70	42.8	41.3	13.8	4.26	4.82	5.81	5.40	5.38	5.85	12.2	1934
1935	5.35	5.81	31.3	32.3	31.5	14.8	17.3	13.7	5.34	5.74	5.69	5.84	15.3	1935
1936	7.05	5.33	39.1	58.0	58.5	28.1	7.77	7.00	7.48	9.00	5.87	11.2	22.5	1936
1937	16.8	16.6	8.88	44.3	57.0	17.5	5.48	5.04	6.80	6.22	11.0	10.6	17.7	1937
1938	12.4	14.3	41.3	60.3	48.4	23.2	5.10	5.26	6.08	6.20	6.16	6.76	19.7	1938
1939	6.78	7.80	10.6	45.7	36.5	16.4	6.05	5.40	6.06	6.98	6.51	6.01	13.8	1939
1940	6.74	6.46	5.41	45.1	28.7	43.5	7.00	5.48	5.48	4.98	5.16	6.36	14.0	1940
1941	6.91	7.56	6.61	43.8	21.1	4.78	4.84	5.15	5.14	5.36	6.07	6.86	10.5	1941
1942	6.67	7.82	24.7	56.3	41.4	24.9	8.10	5.27	5.98	5.81	6.32	7.21	16.7	1942
1943	6.34	6.13	16.0	65.0	93.6	32.9	8.33	6.10	7.18	7.23	8.01	7.09	22.4	1943
1944	7.70	8.88	10.3	18.4	24.3	12.6	8.88	6.40	7.83	7.07	8.88	8.85	10.5	1944
1945	6.31	6.84	33.7	49.2	44.5	35.3	13.7	7.82	7.85	10.1	10.2	7.70	19.3	1945
1946	11.1	9.40	32.6	24.5	17.6	16.7	7.15	6.82	6.15	6.18	6.28	6.31	12.4	1946
1947	10.9	12.7	18.6	86.7	103	52.0	26.4	15.6	10.8	8.86	8.86	7.83	31.2	1947
1948	6.81	6.00	26.3	39.4	32.4	26.2	7.67	6.48	6.73	6.44	6.43	6.50	14.9	1948
1949	7.27	11.9	26.3	66.6	47.9	12.2	6.71	6.43	7.20	6.62	6.61	3.84	17.4	1949
1950	7.73	6.36	13.3	56.1	39.5	6.80	6.20	6.87	6.08	8.42	11.6	16.3	15.7	1950
1951	21.3	20.6	26.8	114	72.4	21.2	21.7	7.70	6.85	6.57	17.6	24.8	30.4	1951
1952	19.2	21.3	21.5	76.3	56.8	30.1	10.6	7.82	7.73	7.67	7.45	8.30	23.0	1952
1953	6.41	6.48	19.0	38.8	26.6	13.0	6.70	6.68	6.82	7.75	7.82	7.11	12.8	1953
1954	7.88	11.4	20.7	82.8	42.4	38.2	12.7	8.15	13.8	26.5	24.8	28.8	24.8	1954
1955	22.1	19.8	16.4	105	45.6	10.6	5.31	5.80	7.25	10.8	8.85	4.41	22.1	1955
1956	6.31	4.88	10.4	47.4	82.5	35.2	17.0	8.52	10.8	9.05	8.56	8.36	19.3	1956
1957	6.81	8.28	12.0	14.8	20.0	17.4	12.6	5.18	7.38	6.88	8.81	13.4	11.4	1957
1958	15.6	15.0	23.7	84.6	32.8	15.4	8.81	5.10	6.73	7.31	7.80	---	---	1958
1959	---	---	---	---	28.9	10.8	4.89	5.88	5.68	7.21	11.6	---	---	1959
1960	---	---	---	---	62.4	19.6	8.49	4.79	4.35	4.20	6.08	---	---	1960
1961	---	---	---	---	---	14.2	11.3	15.4	7.01	6.87	7.41	---	---	1961
1962	---	---	---	---	---	7.85	4.79	4.11	4.61	6.46	16.2	10.3	---	1962
1963	11.0	11.5	19.5	47.2	36.2	14.5	7.36	7.89	8.61	12.6	16.6	24.9	18.3	1963
1964	17.6	13.0	31.3	36.6	24.8	11.3	3.86	3.37	4.16	4.30	5.12	6.34	13.4	1964
1965	3.86	4.87	5.82	41.8	47.4	10.8	3.81	4.10	5.82	6.77	18.9	27.8	15.3	1965
1966	22.4	20.1	37.8	80.6	41.6	28.3	4.81	5.37	6.01	5.25	8.30	30.5	21.6	1966
1967	20.1	15.8	17.8	80.5	37.8	32.6	28.6	9.13	17.1	50.8	56.7	39.9	32.4	1967
1968	20.6	20.1	42.2	44.3	15.6	15.6	15.1	8.88	7.48	8.43	7.23	8.03	17.4	1968
1969	8.88	8.38	18.7	82.8	82.1	32.7	17.3	8.32	7.35	6.88	8.83	8.48	22.7	1969
1970	9.88	11.5	12.1	48.2	55.1	12.2	11.3	10.2	8.73	6.38	7.83	10.4	17.2	1970
1971	11.1	11.7	15.1	68.1	82.3	14.6	6.34	5.83	7.80	6.88	8.27	10.4	19.1	1971
1972	8.41	8.91	10.0	58.8	78.7	37.6	28.1	19.8	15.2	21.1	54.9	38.3	31.6	1972
1973	26.2	25.2	83.1	108	84.4	32.6	16.1	10.2	9.24	8.42	8.27	13.3	32.2	1973
1974	14.2	15.4	26.8	74.0	82.7	30.4	12.0	8.88	8.27	7.83	12.7	13.4	28.4	1974
1975	15.2	15.5	17.8	56.2	43.0	14.7	6.48	4.80	5.10	6.11	4.98	7.39	18.4	1975
1976	8.48	8.48	44.1	80.4	48.8	19.2	21.2	7.14	9.13	11.4	12.0	11.3	23.3	1976
1977	9.84	10.9	35.2	40.8	18.5	8.87	6.48	3.88	4.81	9.08	11.8	18.2	14.8	1977
1978	17.9	18.9	18.4	81.1	78.8	15.4	7.74	5.30	6.28	6.50	7.83	8.22	22.3	1978
1979	7.48	9.94	33.2	76.7	62.4	22.1	8.82	7.47	8.80	8.71	8.82	20.6	22.5	1979
1980	17.8	8.76	23.8	50.2	38.4	17.2	15.7	14.1	8.09	11.7	22.8	19.0	20.7	1980
1981	16.4	45.1	58.8	43.8	27.5	17.3	10.8	10.4	23.8	21.0	20.7	15.8	25.8	1981
1982	12.4	14.1	22.8	61.1	36.8	18.0	8.30	6.89	8.29	8.82	8.88	18.9	18.4	1982
1983	21.8	16.8	30.8	58.1	87.1	29.8	3.88	5.84	4.75	8.58	8.75	15.3	24.2	1983
1984	14.0	23.0	31.7	97.8	73.2	15.8	8.75	8.48	7.29	8.88	8.85	7.10	24.8	1984
1985	12.2	17.3	42.3	78.2	67.0	7.28	8.00	4.48	4.23	5.24	7.18	7.23	21.8	1985
1986	8.06	10.7	28.2	31.8	21.1	23.3	7.74	13.8	7.83	8.38	7.88	8.81	14.8	1986
1987	11.7	11.3	28.3	67.7	16.8	13.6	8.28	5.38	3.88	3.82	8.28	10.6	16.5	1987
1988	10.8	16.8	22.8	44.8	37.8	5.74	3.13	3.80	2.87	4.31	6.88	8.79	13.8	1988
MEAN	11.8	12.2	23.4	57.1	46.8	20.8	10.1	7.88	7.37	8.88	10.8	12.8	19.2	MEAN

LOCATION - LAT 45 28 48 N DRAINAGE AREA, 2 380 km²
LONG 76 33 60 W REGULATED

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	82.4 ON APR 12	1.88 B ON FEB 19	461 000	1922
1923	---	81.8 ON APR 23	3.17 ON OCT 14	578 000	1923
1924	---	98.8 ON APR 5	3.45 ON SEP 27	573 000	1924
1925	---	104 ON MAR 11	4.50 ON NOV 1	489 000	1925
1926	---	126 ON APR 23	4.78 B ON MAR 1	485 000	1926
1927	---	112 ON MAR 15	7.50 ON OCT 16	710 000	1927
1928	---	288 ON APR 5 *	6.57 ON JUL 2	1 060 000	1928
1929	---	155 ON APR 6	3.48 ON NOV 25	885 000	1929
1930	---	29.2 ON MAY 31	2.97 ON NOV 2	244 000	1930
1931	---	41.1 ON APR 11	3.40 ON OCT 12	239 000	1931
1932	---	108 ON APR 11	3.40 ON JUL 2	485 000	1932
1933	---	92.0 ON APR 16	3.40 ON AUG 7	521 000	1933
1934	---	70.8 ON APR 15	3.57 ON JUL 22	385 000	1934
1935	---	84.7 ON MAR 25	2.88 ON NOV 11	482 000	1935
1936	---	88.7 ON APR 17	5.47 ON JUL 17	710 000	1936
1937	---	158 ON APR 6	4.39 ON AUG 8	580 000	1937
1938	---	123 ON MAR 24	2.88 ON AUG 14	822 000	1938
1939	---	71.1 ON APR 22	3.14 ON JUL 23	429 000	1939
1940	---	102 ON APR 18	2.41 ON SEP 30	442 000	1940
1941	---	55.8 ON APR 15	3.26 ON JUN 8	331 000	1941
1942	---	70.2 ON APR 16	3.87 ON NOV 15	527 000	1942
1943	---	116 ON MAY 12	4.11 ON AUG 22	705 000	1943
1944	---	35.1 ON APR 26	3.87 ON NOV 26	331 000	1944
1945	---	88.0 ON MAR 19	4.79 ON SEP 3	810 000	1945
1946	---	78.7 ON MAR 14	2.01 ON NOV 11	382 000	1946
1947	---	194 ON APR 12	6.03 ON SEP 13	985 000	1947
1948	---	92.38 ON MAR 20	1.84 ON SEP 18	472 000	1948
1949	---	96.3 ON MAR 31	1.90 ON AUG 7	550 000	1949
1950	---	129 ON APR 6	3.34 ON JUL 18	495 000	1950
1951	---	173 ON MAR 31	4.53 ON SEP 3	889 000	1951
1952	---	183 ON APR 6	2.18 ON NOV 3	727 000	1952
1953	---	87.2 ON MAR 27	1.95 ON SEP 27	408 000	1953
1954	---	105 ON APR 17	2.18 B ON JAN 10	778 000	1954
1955	---	145 B ON APR 6	3.21 B ON DEC 24	897 000	1955
1956	---	124 ON APR 6	1.84 B ON FEB 6	810 000	1956
1957	---	40.88 ON MAR 14	3.20 ON OCT 12	380 000	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	130 B AT 02:00 EST ON MAR 31	---	---	---	1963
1964	50.7 AT 08:00 EST ON MAR 8	90.6 ON APR 1	4.81 ON SEP 2	578 000	1964
		48.3 ON MAR 7	0.888 ON AUG 3 *	423 000	
1965	112 B AT 01:00 EST ON APR 11	75.98 ON APR 10	1.83 ON AUG 1	484 000	1965
1966	78.48 AT 23:00 EST ON MAR 24	70.68 ON MAR 20	2.38 ON AUG 8	587 000	1966
1967	134 AT 20:30 EST ON JUL 2	129 ON OCT 19	6.17 ON AUG 17	1 020 000	1967
1968	148 B AT 19:00 EST ON MAR 28	87.78 ON MAR 28	3.84 ON OCT 28	551 000	1968
1969	170 AT 12:05 EST ON MAY 19	154 ON MAY 19	4.19 ON OCT 28	714 000	1969
1970	106 B AT 22:01 EST ON APR 14	82.48 ON APR 14	3.78 ON JUL 1	544 000	1970
1971	132 AT 23:30 EST ON APR 16	120 ON APR 18	3.78 ON NOV 13	804 000	1971
1972	206 B AT 22:23 EST ON APR 17	118 ON APR 16	7.70 B ON JAN 9	986 000	1972
1973	200 AT 22:46 EST ON APR 2	183 ON APR 3	6.09 ON JUL 21	1 020 000	1973
1974	---	140 ON MAY 13	6.46 ON OCT 28	833 000	1974
1975	234 AT 19:30 EST ON APR 18 *	182 ON APR 19	2.84 ON OCT 11	617 000	1975
1976	203 B AT 20:24 EST ON MAR 25	167 B ON MAR 25	5.67 ON AUG 8	737 000	1976
1977	88.8 AT 14:15 EST ON MAR 29	78.2 ON MAR 29	1.28 ON JUL 31	467 000	1977
1978	172 AT 13:19 EST ON APR 21	165 ON APR 21	1.85 ON AUG 17	703 000	1978
1979	---	150 B ON MAR 25	1.62 ON JUL 7	710 000	1979
1980	---	141 B ON MAR 22	3.28 ON JUL 20	858 000	1980
1981	---	142 B ON FEB 24	7.67 ON JUL 28	818 000	1981
1982	182 B AT 02:40 EST ON APR 1	120 B ON APR 1	2.12 ON JUL 17	578 000	1982
1983	181 AT 15:38 EST ON MAY 8	153 ON MAY 8	1.85 ON JUL 18	764 000	1983
1984	178 AT 13:09 EST ON APR 8	180 ON APR 8	3.08 ON DEC 5	788 000	1984
1985	180 AT 21:48 EST ON APR 8	115 ON APR 8	2.31 ON AUG 18	881 000	1985
1986	---	100 B ON MAR 27	2.18 ON JUL 25	471 000	1986
1987	188 AT 11:53 EST ON APR 5	141 ON APR 5	1.83 ON SEP 7	489 000	1987
1988	---	95.08 ON MAR 28	1.38 ON JUL 13	439 000	1988
				905 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONNECHERE RIVER NEAR EGANVILLE - STATION NO. 02KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	8.77	---	---	---	1918
MEAN	---	---	---	---	---	---	---	---	---	8.77	---	---	---	MEAN

LOCATION - LAT 45 31 40 N LONG 77 04 50 W DRAINAGE AREA, 1 760 km^2 REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BOSTON CREEK NEAR DANE - STATION NO. 02JC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.402	0.084	0.085	0.052	---	---	---	1980
MEAN	---	---	---	---	---	---	0.402	0.084	0.085	0.052	---	---	---	MEAN

LOCATION - LAT 48 03 30 N, LONG 79 59 30 W DRAINAGE AREA, 23.3 km² NATURAL FLOW

BOSTON CREEK NEAR YORK - STATION NO. 02GB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.405	0.310	0.283	0.401	2.83	0.795	---	1913
1914	2.35	3.55	17.5	6.99	2.57	0.883	0.299	0.283	0.870	0.330	0.744	1.26	3.10	1914
1915	1.81	7.26	8.08	5.80	1.13	0.438	0.852	3.21	0.811	0.788	1.30	1.60	2.62	1915
1916	11.4	4.85	6.79	5.73	5.12	5.84	0.485	0.221	---	---	---	---	---	1916
MEAN	5.19	5.12	10.1	7.17	2.94	2.58	0.483	0.766	0.515	0.489	1.52	1.16	2.76	MEAN

LOCATION - LAT 43 01 15 N, LONG 79 54 55 W NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

BOSTON CREEK NEAR YORK - STATION NO. 02GB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	80.9 ON MAR 18 *	0.170 ON OCT 11 *	97 800	1914
1915	---	21.5 ON APR 12	0.170 ON JUL 1	79 200	1915
1916	---	33.1 ON MAR 28	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		87 100	MEAN

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.78	0.740	0.641	0.630	0.621	0.838	1.10	0.925	---	1959
1960	0.716	1.28	1.82	5.21	4.07	1.30	0.748	0.642	0.625	0.670	0.828	0.808	1.81	1960
1961	0.422	1.30	1.13	1.75	1.17	0.933	0.858	0.740	0.694	0.688	0.889	0.883	0.980	1961
1962	0.701	0.853	2.85	1.30	0.834	0.864	0.695	0.641	0.643	0.850	0.838	0.857	0.921	1962
1963	0.855	0.848	2.38	1.37	1.33	0.811	0.838	0.648	0.693	0.557	0.879	0.588	0.959	1963
1964	0.871	0.885	1.50	1.67	0.782	0.880	0.926	0.893	0.670	0.619	0.892	1.55	0.928	1964
1965	1.20	2.74	1.87	2.50	0.744	0.825	0.828	0.637	0.831	0.868	1.84	1.97	1.30	1965
1966	0.886	1.71	2.52	1.18	1.00	0.887	0.481	0.483	0.488	0.855	1.17	2.02	1.10	1966
1967	1.48	0.936	2.48	2.24	1.01	0.884	0.850	0.732	0.885	1.07	1.38	1.80	1.27	1967
1968	1.38	2.21	3.48	1.32	1.17	0.813	0.808	0.889	0.735	0.756	1.02	1.21	1.28	1968
1969	4.82	2.30	2.87	2.58	1.80	0.818	0.859	0.788	0.818	0.788	1.04	1.02	1.86	1969
1970	0.702	2.13	3.72	2.24	1.28	0.815	0.875	0.883	0.710	0.891	1.07	1.18	1.33	1970
1971	0.758	2.61	2.18	3.84	0.800	0.818	0.757	0.881	0.871	0.702	0.878	1.30	1.30	1971
1972	1.41	0.805	1.97	4.85	0.927	0.888	0.701	1.08	0.777	1.11	1.04	1.37	1.40	1972
1973	1.82	1.74	2.65	1.74	1.28	0.781	0.885	0.837	0.884	0.782	0.888	0.888	1.20	1973
1974	1.58	1.11	2.28	2.20	1.22	0.938	1.05	0.709	0.715	0.757	0.893	1.01	1.21	1974
1975	1.15	1.86	2.81	1.83	1.02	0.728	0.887	0.858	0.707	0.881	0.815	1.03	1.12	1975
1976	1.06	2.12	3.52	1.85	1.76	0.883	0.818	0.748	0.748	0.851	0.888	0.848	1.34	1976
1977	0.422	0.550	3.70	1.87	0.732	0.887	0.574	0.738	0.888	1.17	1.80	1.78	1.24	1977
1978	1.51	0.448	2.85	3.81	1.80	0.814	0.827	0.879	1.07	1.23	1.48	1.28	1.50	1978
1979	0.843	0.810	3.75	2.33	1.28	0.705	0.828	0.828	0.710	0.842	1.28	1.83	1.28	1979
1980	1.38	0.826	5.09	2.45	0.888	1.01	1.13	0.778	0.859	1.35	1.28	1.32	1.83	1980
1981	0.801	3.81	1.20	1.22	1.00	0.785	0.735	0.858	1.08	1.32	1.28	0.728	1.17	1981
1982	0.837	0.888	4.72	3.02	1.04	1.48	0.818	0.708	0.781	0.838	1.38	1.71	1.51	1982
1983	1.43	1.80	1.78	2.13	2.01	0.840	0.842	0.718	0.734	1.02	1.38	1.58	1.33	1983
1984	0.891	3.14	1.88	2.37	1.28	0.738	0.888	0.857	1.08	0.908	1.30	1.37	1.38	1984
1985	0.857	2.53	2.53	2.48	1.17	0.788	0.881	0.885	0.718	0.833	2.04	0.988	1.33	1985
1986	0.811	0.804	2.33	1.38	0.888	0.895	0.738	1.28	2.03	1.58	1.28	1.72	1.30	1986
1987	1.12	0.886	3.87	1.80	0.880	---	---	---	0.813	1.01	1.48	1.71	---	1987
1988	1.78	2.09	2.87	1.71	0.843	0.733	0.853	0.848	0.788	0.980	1.33	1.13	1.30	1988
MEAN	1.14	1.83	2.88	2.31	1.28	0.832	0.764	0.734	0.785	0.904	1.18	1.28	1.28	MEAN

LOCATION - LAT 43 55 18 N, LONG 78 42 09 W DRAINAGE AREA, 82.8 km² NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUN 15 TO AUG 14 1987

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	40.5 ON MAY 9	0.391 ON JUL 28	51 000	1960
1961	---	9.15 ON APR 16	0.3408 ON JAN 31	30 300	1961
1962	---	6.248 ON MAR 21	0.428 ON JUL 8	28 000	1962
1963	15.7B AT 18:30 EST ON MAR 27	7.488 ON MAR 27	0.406 ON SEP 26	30 200	1963
1964	10.0 AT 12:01 EST ON JUL 13	7.228 ON DEC 24	0.377 ON JUL 11	29 400	1964
1965	28.8 AT 18:00 EST ON APR 7	17.6 B ON FEB 10	0.368 ON JUN 27	41 100	1965
1966	---	22.7 B ON MAR 1	0.334 ON JUL 15	34 800	1966
1967	---	6.758 ON MAR 27	0.507 ON AUG 15	40 100	1967
1968	---	13.3 E ON FEB 2	0.439 ON JUL 27	40 800	1968
1969	---	25.5 B ON JAN 31	0.483 ON JUL 20	52 300	1969
1970	31.1B AT 22:09 EST ON MAR 22	10.8 B ON MAR 22	0.487 ON OCT 7	42 000	1970
1971	---	10.8 E ON APR 2	0.411 ON SEP 11	41 000	1971
1972	33.1 AT 14:42 EST ON APR 13	22.1 ON APR 13	0.433A ON MAY 26	44 400	1972
1973	18.1 AT 20:00 EST ON MAR 11	12.9 E ON MAR 4	0.453E ON SEP 8	38 000	1973
1974	18.9E AT 11:30 EST ON MAR 5	13.4 E ON MAR 5	0.538E ON JUN 3	38 000	1974
1975	---	16.2 B ON FEB 24	0.413 ON AUG 20	35 500	1975
1976	21.9 AT 21:05 EST ON MAR 20	18.7 ON MAR 21	0.555 ON AUG 25	42 300	1976
1977	34.3 AT 07:30 EST ON MAR 13	17.2 ON MAR 13	0.380B ON JAN 18	39 100	1977
1978	18.8 AT 22:00 EST ON APR 1	12.1 ON APR 7	0.340B ON MAR 13	47 200	1978
1979	22.4 AT 08:55 EST ON MAR 14	10.8 ON MAR 14	0.418B ON FEB 10	40 800	1979
1980	---	83.9 E ON MAR 21 *	0.300B ON DEC 3 *	48 500	1980
1981	---	20.0 B ON FEB 20	0.545 ON JUL 11	37 000	1981
1982	39.8 AT 19:45 EST ON MAR 31 *	18.5 ON MAR 31	0.580B ON JAN 2	47 800	1982
1983	17.2 AT 13:56 EST ON MAR 18	9.53 ON FEB 3	0.533 ON AUG 21	43 000	1983
1984	---	32.0 B ON FEB 14	0.504 ON AUG 11	43 000	1984
1985	25.7A AT 15:00 EST ON FEB 24	24.0 B ON FEB 24	0.477B ON FEB 11	41 900	1985
1986	---	9.00E ON SEP 11	0.543B ON MAR 9	40 900	1986
1987	---	11.0 B ON MAR 2	---	---	1987
1988	---	9.05B ON MAR 10	0.487 ON JUL 10	41 200	1988
				40 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.25	7.01	5.03	---	1967
1968	0.801	5.15	9.12	2.58	0.485	0.128	0.044	0.887	1.12	1.48	4.47	4.03	2.58	1968
1969	1.62	2.78	8.40	11.8	4.26	0.281	0.028	0.018	0.006	0.031	1.30	0.833	2.42	1969
1970	0.265	0.557	2.48	11.8	1.10	0.183	0.040	0.010	0.040	0.373	1.75	3.03	1.77	1970
1971	0.788	0.807	4.38	12.5	0.243	1.30	0.102	0.138	0.031	0.031	0.088	2.48	1.88	1971
1972	2.25	0.843	4.38	14.5	0.487	0.788	0.848	0.008	0.001	0.888	1.85	2.88	2.44	1972
1973	4.33	1.88	11.5	2.21	2.82	0.380	0.056	0.140	0.008	0.014	1.43	2.14	2.28	1973
1974	5.88	2.85	7.83	7.37	5.25	0.120	0.031	0.007	0.005	0.013	0.288	0.088	2.43	1974
1975	2.67	2.48	8.17	11.4	0.833	0.888	0.025	3.88	2.88	0.370	1.88	4.87	3.10	1975
1976	2.13	8.07	18.0	4.21	2.17	0.015	0.085	0.004	0.178	0.212	1.25	0.888	3.18	1976
1977	0.387	0.473	18.1	2.01	0.118	0.008	0.003	0.100	1.43	2.48	3.25	2.35	2.50	1977
1978	0.814	0.581	3.08	18.5	0.887	0.158	0.005	0.018	0.738	0.224	0.885	1.44	2.11	1978
1979	1.88	0.158	8.17	8.80	---	---	---	---	---	---	---	---	---	1979
MEAN	1.84	2.28	8.33	8.80	1.87	0.354	0.095	0.447	0.558	0.883	2.11	2.85	2.43	MEAN

LOCATION - LAT 43 40 35 N LONG 81 04 32 W DRAINAGE AREA, 187 km^2 NATURAL FLOW

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	30.3 AT 22:30 EST ON NOV 29	29.29 ON FEB 4	0.017 ON JUL 15	82 000	1968
1969	57.5 AT 01:01 EST ON APR 8	49.5 ON APR 8	0.002 ON SEP 21	78 300	1969
1970	80.0 AT 04:38 EST ON APR 10	54.9 ON APR 10	0.005 ON AUG 13	85 900	1970
1971	43.0 AT 06:02 EST ON APR 10	39.5 ON APR 10	0.011 ON AUG 9	88 500	1971
1972	58.2 AT 04:41 EST ON APR 14	56.1 ON APR 14	0 ON AUG 27 *	77 200	1972
1973	34.5 AT 17:37 EST ON MAR 12	32.0 ON MAR 12	0.001 ON SEP 13	71 800	1973
1974	57.8 AT 02:13 EST ON MAR 6	51.0 ON MAR 6	0.003 ON AUG 20	78 590	1974
1975	82.1 AT 22:15 EST ON APR 19	71.6 ON APR 19	0 ON AUG 20	87 900	1975
1976	80.3 AT 23:00 EST ON MAR 21	76.2 ON MAR 22	0 ON JUN 24	88 800	1976
1977	108 AT 11:38 EST ON MAR 14 *	104 ON MAR 14 *	0 ON JUN 23	78 800	1977
1978	58.1 AT 01:27 EST ON APR 8	54.1 ON APR 8	0.003 ON JUL 10	88 590	1978
1979	---	35.4 ON APR 14	0.1008 ON FEB 18	---	1979
				78 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	1.39	---	---	1987
1988	---	---	---	---	1.18	0.715	0.848	1.18	1.22	1.38	1.55	1.82	---	1988
1989	1.36	1.47	3.63	5.75	3.16	1.11	0.884	0.990	0.990	0.890	1.13	0.841	1.81	1989
1970	1.06	1.23	1.58	5.18	2.37	1.29	1.85	0.904	0.740	0.888	1.25	1.43	1.85	1970
1971	1.02	1.13	1.85	7.85	1.48	0.921	0.848	0.820	0.693	0.827	0.763	1.28	1.57	1971
1972	1.08	0.875	1.06	5.54	2.01	1.58	0.887	0.821	0.573	1.23	1.46	1.49	1.58	1972
1973	2.58	1.52	5.29	3.58	3.38	1.21	0.889	0.861	0.802	0.780	2.02	1.36	1.89	1973
1974	1.82	1.44	7.07	5.05	3.28	1.11	1.38	0.882	0.770	0.781	1.27	0.874	2.15	1974
1975	0.898	1.47	2.82	7.82	2.18	0.864	0.731	0.875	0.880	0.735	0.870	1.54	1.82	1975
1976	---	---	8.04	3.20	2.84	1.28	1.18	0.782	1.33	1.52	1.80	0.837	---	1976
1977	1.03	1.14	7.80	2.88	0.859	0.592	0.717	1.88	2.20	3.08	3.00	2.86	2.31	1977
1978	1.88	1.42	3.29	8.87	2.82	1.42	0.835	0.888	1.38	1.23	1.39	1.35	2.27	1978
1979	1.38	0.955	5.74	4.71	2.74	1.05	0.741	1.01	0.881	1.38	2.22	3.12	2.18	1979
1980	1.58	0.884	3.48	4.80	1.88	1.04	3.43	1.35	1.38	1.80	1.82	2.37	2.12	1980
1981	1.11	5.47	2.84	2.40	2.07	1.17	0.781	1.32	1.88	2.02	2.43	1.72	2.08	1981
1982	1.41	1.13	5.32	5.48	1.53	1.88	1.17	0.944	0.888	1.11	2.78	3.47	2.52	1982
1983	1.70	2.08	2.81	3.42	3.28	1.34	0.887	0.852	1.11	1.32	2.03	1.88	1.84	1983
1984	---	5.84	3.89	4.81	1.83	1.25	0.728	0.880	1.22	1.18	1.82	2.36	---	1984
1985	1.37	3.73	5.40	7.88	1.87	1.34	0.814	1.20	1.12	1.18	3.07	1.83	2.88	1985
1986	2.38	2.83	5.37	3.01	1.74	1.16	0.890	1.08	4.87	3.73	1.89	1.88	2.83	1986
MEAN	1.48	2.02	4.48	5.72	2.17	1.19	0.988	0.928	1.27	1.41	1.83	1.82	2.10	MEAN

LOCATION - LAT 44 09 06 N DRAINAGE AREA, 211 km²
LONG 79 54 06 W NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - NO DATA PUBLISHED FOR 1987

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	---	---	---	---	1987
1988	---	---	---	---	1988
1989	---	15.3 ON APR 18	0.442 ON JUL 18	58 800	1989
1970	41.1 AT 22:30 EST ON APR 8	31.1 ON APR 8	0.113 ON JAN 22 *	53 300	1970
1971	38.6 E AT 10:00 EST ON APR 13	24.8 E ON APR 13	0.405 ON AUG 23	48 500	1971
1972	45.3 E AT 08:37 EST ON APR 19	32.0 E ON APR 19	0.488 ON AUG 2	58 900	1972
1973	29.7 AT 15:12 EST ON MAR 6	19.0 ON APR 2	0.374 ON JUL 23	52 600	1973
1974	98.3 AT 02:00 EST ON MAR 5	44.5 ON MAR 5	0.442 ON AUG 28	57 800	1974
1975	122 AT 12:50 EST ON APR 19 *	85.0 ON APR 19 *	0.283E ON JUL 1	57 500	1975
1976	80.8 AT 11:48 EST ON MAR 22	85.1 ON MAR 22	---	---	1976
1977	48.4 AT 17:15 EST ON MAR 13	36.8 ON MAR 13	0.388 ON JUN 23	72 600	1977
1978	25.1 AT 04:34 EST ON APR 12	22.0 ON APR 12	0.611 ON JUL 30	71 600	1978
1979	---	18.7 E ON APR 14	0.487 ON JUL 17	58 200	1979
1980	---	33.5 E ON MAR 21	0.587 ON JUL 14	57 100	1980
1981	24.2 AT 21:41 EST ON FEB 19	21.5 ON FEB 19	0.483 ON JUL 26	54 500	1981
1982	70.6 AT 00:10 EST ON APR 1	51.0 E ON MAR 31	0.472 ON JUL 10	79 300	1982
1983	9.88 AT 19:40 EST ON APR 10	6.89 ON MAR 20	0.358 ON JUL 16	56 000	1983
1984	---	30.0 B ON FEB 14	0.475 ON JUL 27	---	1984
1985	28.5 AT 21:03 EST ON MAR 28	25.8 ON MAR 28	0.598 ON AUG 14	53 800	1985
1986	---	21.7 ON SEP 12	0.374 ON JUL 14	52 600	1986
				58 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	20.3	14.7	---	---	---	---	---	1988
1970	---	---	---	---	---	35.1	14.7	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	8.78	4.88	8.84	---	28.1	---	---	1971
1973	---	4.80	8.20	8.38	13.2	11.0	10.8	8.81	8.88	8.83	8.15	8.85	---	1973
1976	---	---	---	---	---	---	---	---	---	0.487	1.28	---	---	1976
1977	---	---	---	---	11.3	10.8	12.7	8.10	14.3	12.0	10.1	8.88	---	1977
1978	8.73	5.00	3.75	8.01	15.7	20.3	18.8	8.81	8.18	8.89	8.82	8.10	8.88	1978
1979	4.24	3.81	4.40	8.88	22.2	11.8	8.30	11.4	12.8	7.78	8.28	7.81	8.32	1979
1980	8.85	8.45	4.74	8.88	11.8	8.80	3.48	3.73	7.83	10.3	8.88	8.88	8.84	1980
1981	8.41	4.80	8.08	10.1	12.8	11.1	8.08	8.18	1.83	1.88	2.80	3.27	8.82	1981
1982	3.26	3.00	2.88	4.47	17.0	12.8	8.88	8.82	7.78	13.7	18.8	13.7	8.83	1982
1983	7.48	8.88	8.27	8.58	8.41	14.8	14.2	8.58	8.18	8.84	8.77	7.73	7.71	1983
1984	8.32	8.48	8.48	10.0	22.2	18.7	8.71	8.81	3.82	8.00	8.88	7.38	8.30	1984
1985	8.47	8.05	3.88	8.18	30.4	18.8	13.8	8.17	10.2	24.3	18.8	10.0	13.0	1985
1986	7.18	8.87	8.48	11.7	30.2	14.4	18.0	10.0	8.43	7.22	8.31	8.84	10.8	1986
1987	4.80	4.18	3.88	3.88	8.17	3.18	3.87	4.83	8.41	8.80	8.84	4.88	1987
1988	4.40	3.87	3.78	8.43	14.8	11.8	11.4	31.8	31.4	18.8	11.2	8.48	13.1	1988
MEAN	8.72	4.87	4.42	7.22	18.8	18.0	11.8	8.18	8.84	8.10	8.81	7.73	8.03	MEAN

LOCATION - LAT 48 37 25 N DRAINAGE AREA, 1 170 km²
LONG 80 34 18 W NATURAL FLOW

BRIGHTSAND RIVER AT MORENLEY - STATION NO. 04GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1976	---	---	---	---	1976
1977	18.5 AT 18:00 EST ON SEP 15	18.3 ON SEP 15	4.47E ON APR 13	---	1977
1978	38.1 AT 18:47 EST ON JUN 5 *	38.5 ON JUN 5	3.40E ON MAR 24	312 000	1978
1979	28.0 AT 18:41 EST ON MAY 15	27.4 ON MAY 15	3.43 ON FEB 13	294 000	1979
1980	15.5 AT 15:11 EST ON MAY 1	15.3 ON MAY 2	2.88 ON JUL 15	220 000	1980
1981	16.5 AT 15:30 EST ON MAY 2	16.4 ON MAY 2	1.32 ON SEP 25 *	180 000	1981
1982	21.3 AT 18:37 EST ON MAY 21	21.0 ON MAY 22	2.83E ON MAR 9	304 000	1982
1983	18.4 AT 18:43 EST ON JUL 9	18.0 ON JUL 9	2.85 ON SEP 7	243 000	1983
1984	25.5 AT 17:34 EST ON MAY 13	25.3 ON MAY 13	3.32 ON SEP 24	282 000	1984
1985	37.5 AT 17:57 EST ON MAY 18	37.0 ON MAY 18	3.80 ON MAR 25	411 000	1985
1986	35.7 AT 14:01 EST ON MAY 8	35.1 ON MAY 9	5.09 ON MAR 27	340 000	1986
1987	7.52 AT 18:06 EST ON OCT 28	7.38 ON OCT 28	2.24 ON JUL 11	147 000	1987
1988	---	43.4 ON AUG 16 *	3.43 ON FEB 13	414 000	1988
				285 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	0.539	0.564	0.488	1.18	2.28	1.89	2.85	---	1977
1978	1.83	1.28	2.54	8.14	2.27	0.731	0.380	0.260	0.528	0.503	0.623	0.811	1.49	1978
1979	0.788	0.608	5.14	4.84	1.98	1.04	0.580	0.477	0.458	0.585	1.10	2.43	1.88	1979
1980	2.34	0.459	2.32	4.15	1.90	0.875	0.428	0.578	0.382	0.485	0.493	0.782	1.25	1980
1981	0.387	2.25	1.62	1.30	0.813	0.414	0.472	1.01	1.75	1.89	2.07	1.52	1.28	1981
1982	0.852	0.513	3.45	5.55	0.854	1.52	0.508	0.748	0.852	1.12	2.12	3.38	1.78	1982
1983	2.18	1.89	2.19	3.08	2.88	1.15	0.425	0.488	0.402	0.490	0.807	1.84	1.48	1983
1984	0.988	2.84	2.88	3.47	1.43	0.828	0.838	0.478	0.511	0.504	0.906	1.18	1.38	1984
1985	0.817	1.34	5.28	4.02	0.853	0.577	0.500	0.511	---	---	---	---	---	1985
MEAN	1.24	1.41	3.15	4.07	1.80	0.843	0.485	0.582	0.788	0.980	1.29	1.78	1.47	MEAN

LOCATION - LAT 43 23 55 N DRAINAGE AREA, 124 km^2
LONG 79 57 34 W REGULATED

REMARKS - DISCHARGE DATA NOT AVAILABLE AFTER SEP 23 1985. STATION DISCONTINUED DEC 31 1988. REPLACED BY STATION 02HB023.

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	4.67 AT 12:54 EST ON OCT 2	---	---	---	1977
1978	13.4 AT 13:36 EST ON APR 2	10.8 ON APR 2	0.201 ON JUL 25 *	47 000	1978
1979	12.6 AT 02:0[illegible] EST ON APR 15	12.0 ON APR 15	0.301 ON OCT 3	52 400	1979
1980	11.1 AT 15:35 EST ON MAR 21	9.48 ON MAR 21	0.324 ON JUL 28	39 400	1980
1981	7.38 AT 00:07 EST ON FEB 21	7.10 ON FEB 21	0.280 ON JUL 17	40 400	1981
1982	15.6 AT 08:04 EST ON APR 1 *	14.8 ON APR 1 *	0.309 ON JUL 15	58 000	1982
1983	5.48 AT 21:22 EST ON FEB 3	5.01 ON FEB 3	0.213 ON JUL 28	45 800	1983
1984	8.04 AT 05:14 EST ON APR 5	7.90 ON APR 5	0.280E ON AUG 27	43 800	1984
1985	9.71 AT 14:44 EST ON MAR 29	9.44 ON MAR 29	0.284 ON AUG 13	---	1985
				46 400	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.182	0.383	0.454	---	1983
1984	0.888	0.444	3.38	3.71	2.36	0.758	1.28	1.38	0.884	0.802	0.748	1.89	1.82	1984
1985	1.88	8.88	8.98	11.8	2.84	0.848	0.782	0.782	0.488	---	---	---	---	1985
1986	---	---	---	---	2.40	1.88	0.313	0.257	0.218	0.287	1.17	4.01	---	1986
1987	2.37	1.38	3.71	8.11	2.81	2.85	3.11	0.875	0.804	1.38	2.84	3.28	2.78	1987
1988	1.52	4.73	8.20	3.83	2.22	2.01	0.807	1.87	1.88	1.73	2.83	8.29	3.04	1988
1989	4.33	2.83	4.35	7.18	4.04	1.31	0.801	1.08	0.418	0.898	2.11	1.80	2.83	1989
1970	0.702	1.23	3.34	5.84	2.82	0.754	0.780	0.880	0.881	1.84	2.80	3.74	2.15	1970
1971	2.08	2.30	5.80	7.13	1.75	1.08	0.857	0.408	0.514	0.585	0.588	2.17	2.08	1971
1972	2.22	0.938	2.84	8.77	2.88	1.58	1.77	1.80	0.774	2.08	3.84	3.85	2.82	1972
1973	3.88	3.88	10.8	5.27	3.12	1.82	0.735	0.882	0.591	1.18	3.38	3.08	3.17	1973
1974	4.89	4.58	6.90	5.78	7.28	2.89	0.888	0.532	0.710	0.805	1.08	1.80	3.18	1974
1975	1.41	2.88	5.40	5.31	2.88	1.24	0.497	0.720	1.30	1.32	2.08	2.71	2.28	1975
1976	2.80	8.87	11.7	5.82	5.87	1.88	1.88	0.828	1.70	1.48	1.33	0.784	3.83	1976
1977	0.513	0.885	10.1	5.84	2.06	1.14	1.05	0.885	2.71	4.10	3.80	5.35	3.16	1977
1978	3.15	2.31	8.42	10.8	3.91	1.41	0.678	0.511	0.810	0.897	1.25	1.82	2.76	1978
1979	1.86	1.31	8.32	8.51	3.82	1.80	1.01	0.918	0.857	1.04	1.94	4.78	3.02	1979
1980	3.88	0.772	4.18	8.88	3.06	1.25	0.733	0.828	0.844	0.913	0.945	1.48	2.12	1980
1981	0.820	8.88	2.73	2.28	1.51	0.820	0.878	1.73	2.86	3.34	3.28	2.43	2.34	1981
1982	1.13	0.884	8.70	10.0	2.28	3.14	1.30	1.74	1.81	2.13	3.58	8.84	3.32	1982
1983	3.81	4.70	4.21	8.70	8.07	2.21	0.784	0.868	0.718	1.01	2.02	3.14	2.88	1983
1984	1.42	8.87	4.80	8.43	2.82	1.82	1.12	0.748	0.882	0.883	1.44	1.80	2.47	1984
1985	1.74	3.80	11.4	7.81	1.78	0.958	0.885	1.01	1.21	1.42	7.84	3.85	3.83	1985
1986	1.88	1.81	7.37	3.88	2.40	1.58	2.07	1.28	2.83	8.48	3.10	4.32	3.23	1986
1987	2.83	1.80	8.78	7.44	1.70	---	---	---	---	---	---	---	---	1987
MEAN	2.21	3.05	8.38	8.73	3.04	1.58	1.07	0.887	1.18	1.88	2.32	3.02	2.78	MEAN

LOCATION - LAT 43 26 13 N DRAINAGE AREA, 235 km²
LONG 79 51 52 W REGULATED

REMARKS - DISCONTINUED JUN 8 1987

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	19.8 AT 08:40 EST ON JUL 13	8.88 ON APR 30	0.288 ON JUL 8	48 000	1984
1985	28.8 AT 04:00 EST ON APR 12	26.3 ON APR 12	---	---	1985
1986	---	---	---	---	1986
1987	32.8 AT 00:15 EST ON APR 3	21.7 ON APR 3	0.328 ON SEP 7	68 800	1987
1988	23.88 AT 18:30 EST ON MAR 18	18.7 B ON FEB 4	0.338 ON AUG 8	88 200	1988
1989	27.88 AT 18:20 EST ON JAN 30	13.8 ON APR 18	0.381 ON SEP 22	80 000	1989
1970	13.8 AT 15:00 EST ON APR 2	8.78 ON APR 4	0.334 ON AUG 18	87 800	1970
1971	18.7 AT 20:18 EST ON APR 2	14.8 ON APR 2	0.288 ON AUG 8 *	88 700	1971
1972	25.3 AT 00:12 EST ON APR 14	24.0 ON APR 14	0.538 ON SEP 8	89 000	1972
1973	23.8 AT 12:47 EST ON MAR 14	18.7 ON MAR 17	0.374 ON SEP 12	88 800	1973
1974	28.5 AT 01:44 EST ON MAR 5	22.7 B ON JAN 27	0.418 ON AUG 28	88 300	1974
1975	18.18 AT 21:23 EST ON FEB 24	13.0 B ON FEB 28	0.388 ON AUG 2	71 800	1975
1976	28.2 AT 15:48 EST ON MAR 21	28.1 ON MAR 21	0.483 ON SEP 8	113 000	1976
1977	34.0 AT 23:23 EST ON SEP 24 *	28.8 ON MAR 13	0.4458 ON FEB 7	100 000	1977
1978	28.4 AT 18:38 EST ON APR 1	20.4 ON APR 2	0.388 ON JUL 28	87 000	1978
1979	28.3 AT 18:58 EST ON APR 14	22.5 ON APR 18	0.688 ON SEP 28	88 200	1979
1980	22.8 AT 18:44 EST ON APR 14	17.0 B ON MAR 21	0.488 ON SEP 12	87 000	1980
1981	---	23.0 B ON FEB 20	0.438 ON JUL 17	73 800	1981
1982	20.8 AT 07:15 EST ON APR 1	28.7 ON APR 1 *	0.7888 ON FEB 14	105 000	1982
1983	19.3 AT 10:28 EST ON FEB 3	15.1 ON FEB 3	0.418 ON SEP 18	88 800	1983
1984	20.1 AT 09:40 EST ON APR 5	15.1 ON APR 8	0.480 ON AUG 27	78 000	1984
1985	28.1 AT 22:38 EST ON MAR 31	20.2 ON APR 1	0.4008 ON AUG 12	114 000	1985
1986	---	17.8 E ON MAR 18	0.541 ON SEP 9	102 000	1986
1987	19.8 AT 23:80 EST ON APR 8	18.7 ON APR 8	---	---	1987
				87 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.004	0	0	0	0	0	---	1974
1975	0.002	0.081	0.047	0.041	0.008	0	0	0	0	0	0	0.001	0.018	1975
1976	0	0.077	0.135	0.028	0.028	0.003	---	---	---	---	---	---	---	1976
MEAN	0.001	0.078	0.081	0.053	0.018	0.002	0.002	0	0	0	0	0.001	0.018	MEAN

LOCATION - LAT 43 54 57 N DRAINAGE AREA, 3.63 km²
LONG 79 08 28 W NATURAL FLOW

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUN 27 *	---	1974
1975	4.08 AT 19:02 EST ON FEB 24 *	1.87 ON FEB 24 *	0 ON JAN 1	482	1975
1976	---	0.796 ON MAR 20	0 ON JAN 1	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		482	MEAN

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	0.271	0.406	0.374	0.888	0.887	0.941	---	1983
1984	0.486	1.82	1.17	1.82	1.28	0.712	0.415	0.552	0.534	0.438	0.878	0.774	0.881	1984
1985	0.472	1.13	1.75	1.52	0.771	0.524	0.311	0.270	0.545	0.615	1.46	0.764	0.847	1985
1986	0.881	0.556	2.42	1.01	0.537	0.551	0.338	0.503	0.983	0.644	0.779	1.13	0.871	1986
1987	0.846	0.456	1.98	1.84	0.578	0.526	0.317	0.315	0.480	0.579	0.785	0.488	0.780	1987
1988	0.782	0.644	2.08	1.04	0.808	0.295	0.213	0.186	0.320	0.614	0.774	0.512	0.883	1988
MEAN	0.609	0.803	1.87	1.45	0.771	0.522	0.311	0.381	0.533	0.630	0.881	0.828	0.808	MEAN

LOCATION - LAT 44 11 45 N DRAINAGE AREA, 82.3 km^2
LONG 77 54 42 W REGULATED

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	0.174 ON SEP 14	---	1983
1984	15.5 AT 23:58 EST ON FEB 14 *	10.5 ON FEB 15	0.287 ON JUL 28	27 900	1984
1985	---	5.74 ON MAR 12	0.186 ON AUG 13	26 700	1985
1986	---	5.808 ON MAR 18	0.207 ON JUL 11	27 500	1986
1987	10.1 AT 05:50 EST ON APR 5	8.34 ON APR 5	0.152 ON JUL 28	24 800	1987
1988	---	15.2 ON MAR 26 *	0.126 ON AUG 11 *	21 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		25 500	MEAN

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	10.5	11.5	15.9	11.7	---	1962
1963	8.85	5.53	14.0	35.9	24.7	9.89	9.15	8.70	6.88	8.50	7.85	8.17	11.8	1963
1964	8.85	8.09	13.7	34.4	29.1	11.5	9.39	7.02	5.01	3.25	3.24	11.0	11.9	1964
1965	10.8	10.2	9.15	55.0	32.1	9.84	6.83	6.49	7.85	25.0	30.2	33.9	19.8	1965
1966	21.3	12.2	21.3	28.5	26.2	26.1	8.85	7.39	5.76	5.84	20.4	46.5	19.3	1966
1967	15.1	13.3	10.4	51.3	24.0	41.2	31.8	11.2	13.5	33.7	49.8	32.6	27.3	1967
1968	18.6	24.6	22.9	33.1	9.03	8.01	8.06	8.33	7.37	9.78	7.39	14.1	14.0	1968
1969	10.4	12.6	15.1	50.2	46.7	16.9	12.4	7.58	7.47	8.77	12.7	10.9	17.5	1969
1970	8.85	6.02	5.50	46.2	23.5	8.02	13.5	7.49	8.54	10.9	19.3	19.4	14.9	1970
1971	11.5	8.78	15.5	76.2	28.4	10.7	9.55	8.30	7.83	8.27	6.94	11.8	18.8	1971
1972	11.0	8.94	8.23	56.2	48.1	29.6	14.4	10.4	9.72	15.1	24.9	19.5	21.4	1972
1973	27.0	24.3	51.6	48.6	27.9	13.7	10.4	7.34	5.78	8.25	11.7	17.2	21.6	1973
1974	18.1	17.1	23.4	58.3	60.5	12.3	10.6	8.67	12.2	21.3	33.9	21.5	26.3	1974
1975	15.1	11.2	20.3	55.5	26.3	13.5	10.1	8.04	5.12	5.43	5.61	14.4	15.9	1975
1976	8.40	10.6	45.2	73.5	24.7	7.84	12.5	8.09	7.55	9.08	7.91	8.81	18.7	1976
1977	5.84	5.32	31.8	28.5	8.01	5.85	4.28	5.35	4.27	10.4	21.7	27.3	13.3	1977
1978	16.0	11.3	8.74	53.9	40.9	8.74	8.31	8.77	8.73	11.0	15.5	16.9	17.2	1978
1979	17.1	11.3	44.5	61.2	31.7	14.2	8.87	7.18	7.71	13.5	23.7	40.0	23.5	1979
1980	25.8	8.34	24.1	66.8	15.2	13.4	18.2	13.5	11.2	15.8	23.2	21.1	21.4	1980
1981	10.4	36.5	27.8	45.9	24.5	10.8	10.1	7.40	18.9	17.4	15.8	13.5	19.5	1981
1982	10.1	8.77	12.0	76.1	18.8	22.2	9.45	5.86	8.26	12.5	33.0	87.5	22.8	1982
1983	20.2	14.2	20.8	34.8	64.2	15.8	7.13	7.13	6.15	5.36	10.3	13.9	19.1	1983
1984	8.47	24.5	24.0	64.3	23.4	10.2	8.23	8.87	9.46	7.42	15.3	22.0	17.8	1984
1985	33.4	17.5	38.2	80.3	23.8	11.4	9.06	7.72	18.4	20.0	31.1	25.0	28.3	1985
1986	14.2	10.1	26.1	45.6	27.4	20.8	12.2	10.3	17.7	36.4	13.4	14.8	20.8	1986
1987	10.7	7.74	15.8	43.6	10.9	8.74	7.78	7.06	6.31	8.49	8.40	25.1	13.4	1987
1988	13.8	15.4	15.5	61.2	21.7	7.78	8.16	8.86	8.47	8.55	19.8	12.8	15.9	1988
MEAN	14.7	13.3	22.3	52.3	28.7	14.1	10.7	7.78	9.09	13.3	16.0	21.1	18.7	MEAN

LOCATION - LAT 44 42 03 N DRAINAGE AREA, 1 270 km^2
LONG 78 40 40 W REGULATED

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	88.3 AT 16:00 EST ON APR 16	87.48 ON MAR 31	1.74 ON OCT 27	372 000	1983
		84.8 ON APR 16	2.29 ON OCT 27	378 000	1984
1985	88.7 AT 23:15 EST ON APR 12	83.4 ON APR 13	4.19 ON JUN 29	824 000	1985
1986	101 AT 11:30 EST ON DEC 8	100 ON DEC 8	3.08 ON OCT 30	805 000	1986
1987	81.2 AT 11:55 EST ON JUN 26	90.8 ON JUN 26	7.67 B ON MAR 26	881 000	1987
1988	83.5 AT 16:50 EST ON APR 1	81.6 ON APR 1	3.06 ON OCT 19	443 000	1988
1989	101 AT 18:35 EST ON MAY 20	96.3 ON MAY 20	4.67 ON OCT 19	551 000	1989
1970	88.6 AT 04:39 EST ON APR 25	87.8 ON APR 25	3.57 B ON JAN 21	480 000	1970
1971	131 AT 01:34 EST ON APR 21	130 ON APR 20	3.57 ON NOV 5	524 000	1971
1972	115 AT 18:55 EST ON APR 21	115 ON APR 21	8.37 B ON MAR 21	877 000	1972
1973	126 B AT 21:24 EST ON MAR 13	124 B ON MAR 13	4.11 ON SEP 12	880 000	1973
1974	133 AT 00:28 EST ON MAY 16	131 ON MAY 16	3.00 ON AUG 9	799 000	1974
1975	118 AT 08:30 EST ON APR 25	118 ON APR 25	3.09 ON AUG 6	501 000	1975
1976	191 AT 05:28 EST ON APR 3 *	188 ON APR 3 *	2.47 ON JUN 6	583 000	1976
1977	---	70.88 ON MAR 18	0.888 ON AUG 31 *	421 000	1977
1978	88.4 AT 15:00 EST ON APR 21	88.8 ON APR 21	3.71 ON AUG 13	841 000	1978
1979	120 AT 10:42 EST ON APR 4	120 ON APR 4	4.30 ON AUG 15	741 000	1979
1980	119 AT 14:38 EST ON APR 18	117 ON APR 18	3.34 ON AUG 22	877 000	1980
1981	145 B AT 21:15 EST ON FEB 25	140 B ON FEB 25	4.85 ON AUG 27	926 000	1981
1982	155 AT 15:59 EST ON APR 18	148 ON APR 19	3.41 ON AUG 17	719 000	1982
1983	138 AT 16:05 EST ON MAY 9	130 ON MAY 9	2.87 ON OCT 2	804 000	1983
1984	98.5 AT 19:48 EST ON APR 7	95.0 ON APR 7	4.43 ON OCT 4	587 000	1984
1985	134 AT 17:01 EST ON APR 19	130 ON APR 19	4.86 ON JUL 25	828 000	1985
1986	116 AT 18:23 EST ON APR 1	113 ON APR 2	8.91 ON SEP 4	856 000	1986
1987	113 AT 13:50 EST ON APR 7	109 ON APR 7	3.48 ON SEP 18	422 000	1987
1988	---	120 ON APR 6	3.08 ON JUN 11	803 000	1988
				691 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02EA023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	---	0.398	1.33	---	1956
1957	---	---	---	---	0.612	0.838	0.288	0.111	0.170	---	---	2.38	---	1957
1958	0.450	0.271	1.62	0.834	0.178	0.118	0.154	0.185	0.325	0.181	0.845	0.188	0.451	1958
1959	0.285	0.333	3.49	7.58	0.841	0.135	0.126	0.070	0.081	0.281	1.08	1.08	1.20	1959
1960	0.688	0.683	1.60	7.80	3.48	0.892	0.301	0.182	0.137	0.183	0.280	0.145	1.35	1960
1961	0.177	1.43	1.54	1.09	0.904	0.418	0.182	0.187	0.177	0.148	0.281	0.888	0.883	1961
1962	---	---	---	---	---	0.143	0.123	0.121	0.120	0.288	0.578	0.833	---	1962
1963	0.688	0.333	3.78	1.03	0.788	0.138	0.123	0.108	0.128	0.128	0.222	0.173	0.838	1963
1964	0.884	0.281	2.73	1.88	0.831	0.210	0.177	1.78	0.280	0.208	0.233	0.891	0.844	1964
1965	0.828	2.85	1.73	5.26	0.884	0.218	0.280	0.150	0.203	1.20	2.12	3.18	1.67	1965
1966	1.02	1.44	3.38	1.78	0.811	1.28	0.141	0.155	0.182	0.183	0.478	1.78	1.04	1966
1967	1.48	0.887	3.04	4.70	0.781	2.00	1.33	0.321	0.338	1.82	2.84	3.04	1.88	1967
1968	0.374	2.26	4.88	1.38	0.471	0.317	0.383	1.28	1.28	1.12	2.18	1.45	1.43	1968
1969	1.20	1.18	4.66	5.08	1.78	0.483	0.321	0.285	0.218	0.307	0.604	0.388	1.37	1969
1970	0.181	0.378	1.01	5.33	1.38	0.384	0.418	0.268	0.888	1.01	1.88	1.87	1.38	1970
1971	0.880	0.881	1.50	7.18	0.878	0.883	0.881	0.373	0.282	0.285	0.313	1.01	1.18	1971
1972	0.888	0.830	1.81	8.20	0.844	0.878	0.388	0.212	0.284	0.821	0.838	1.42	1.34	1972
1973	1.87	1.28	8.84	1.80	1.18	0.880	0.371	0.372	0.284	0.288	0.838	0.788	1.38	1973
1974	1.80	0.888	3.88	3.88	3.28	0.814	0.381	0.320	0.288	0.488	0.481	0.271	1.33	1974
1975	0.872	1.38	2.88	5.10	0.814	1.08	0.705	0.887	0.830	0.882	0.831	2.18	1.48	1975
1976	0.815	2.78	7.60	2.77	1.47	0.880	0.788	1.28	0.808	0.718	0.783	0.884	1.73	1976
1977	0.188	0.222	8.18	1.70	0.383	0.318	0.303	0.308	1.11	1.82	1.81	1.40	1.27	1977
1978	0.878	0.388	1.28	7.78	0.880	0.483	0.383	0.277	0.388	0.482	0.484	0.803	1.20	1978
1979	0.787	0.348	5.78	4.00	1.08	0.538	0.488	0.480	0.478	0.471	0.821	2.80	1.52	1979
1980	1.34	0.308	2.48	2.74	0.938	0.782	0.333	0.248	0.884	1.03	0.882	1.48	1.10	1980
1981	0.882	4.14	1.18	0.833	0.811	0.478	0.408	0.488	1.25	1.83	1.84	1.08	1.23	1981
1982	0.843	0.347	3.28	5.37	0.801	0.831	0.518	1.00	1.27	0.788	2.48	5.88	1.88	1982
1983	1.38	1.30	1.18	3.24	2.47	0.878	0.408	0.421	0.482	0.888	1.73	1.87	1.31	1983
1984	0.484	4.08	3.29	1.88	0.718	0.883	0.888	0.418	0.888	0.843	1.38	3.82	1.44	1984
1985	1.01	2.33	8.33	4.85	0.884	0.887	0.888	0.818	1.88	0.728	2.30	2.88	2.08	1985
1986	1.08	0.878	3.88	1.81	1.88	1.03	1.18	1.33	8.38	3.82	1.82	1.87	2.22	1986
1987	0.858	0.388	3.44	3.08	0.478	0.811	0.878	0.487	0.477	0.741	0.730	2.48	1.11	1987
1988	1.33	1.81	2.82	1.83	0.888	0.818	0.888	0.388	0.481	0.437	1.13	0.877	1.04	1988
MEAN	0.837	1.18	3.24	3.83	1.08	0.831	0.438	0.478	0.782	0.788	1.08	1.81	1.31	MEAN

LOCATION - LAT 43 34 48 N DRAINAGE AREA, 118 km^2
LONG 80 30 30 W REGULATED SINCE 1978

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	9.87 AT 22:00 EST ON MAR 27	6.46 ON MAR 27	0.042 ON AUG 9	14 200	1958
1959	34.0 AT 23:00 EST ON APR 5	25.8 ON APR 2	0.011 ON AUG 12 *	37 800	1959
1960	35.1 B AT 23:45 EST ON APR 3	27.3 B ON APR 4	0.091 ON SEP 11	42 700	1960
1961	21.6 AT 20:00 EST ON FEB 23	12.6 ON FEB 24	0.074 ON SEP 18	18 400	1961
1962	48.4 AT 23:30 EST ON MAR 29	27.4 ON MAR 30	---	---	1962
1963	31.1 AT 21:00 EST ON MAR 25	23.2 ON MAR 26	0.074 ON AUG 5	20 100	1963
1964	14.2 AT 17:00 EST ON MAR 5	10.4 ON MAR 5	0.102 ON JUL 2	28 700	1964
1965	53.2 AT 20:00 EST ON APR 7	28.6 ON FEB 10	0.091 ON AUG 8	49 400	1965
1966	15.2 AT 21:00 EST ON MAR 13	11.9 ON JUN 14	0.082 ON JUL 31	32 800	1966
1967	52.4 AT 03:15 EST ON APR 3	27.5 ON APR 3	0.147 ON SEP 17	58 800	1967
1968	29.2 AT 06:00 EST ON NOV 29	18.7 ON NOV 29	0.1508 ON JAN 28	45 100	1968
1969	39.6 AT 03:30 EST ON MAR 21	28.6 ON MAR 21	0.170 ON SEP 2	43 200	1969
1970	28.3 AT 02:44 EST ON APR 9	24.0 ON APR 9	0.1849 ON JAN 14	37 800	1970
1971	28.9 AT 00:05 EST ON APR 10	19.9 ON APR 13	0.150 ON JUL 15	38 400	1971
1972	48.7 AT 03:29 EST ON APR 17	31.4 ON APR 13	0.142E ON AUG 11	47 300	1972
1973	43.6 AT 18:14 EST ON MAR 11	20.2 ON MAR 7	0.167 ON AUG 9	41 000	1973
1974	61.2 AT 06:59 EST ON MAY 17	39.6 ON MAY 17	0.1168 ON FEB 21	42 000	1974
1975	80.1 AT 06:51 EST ON APR 19 *	45.3 ON APR 19 *	0.190 ON JUN 2	46 500	1975
1976	36.0 AT 05:39 EST ON MAR 21	27.6 ON MAR 21	0.2418 ON DEC 14	54 600	1976
1977	26.9 AT 10:06 EST ON MAR 13	24.4 ON MAR 13	0.0618 ON JAN 23	40 200	1977
1978	26.3 AT 22:09 EST ON APR 11	21.8 ON APR 11	0.229 ON AUG 5	37 800	1978
1979	42.4 AT 10:05 EST ON APR 14	33.3 ON APR 14	0.3298 ON FEB 20	47 800	1979
1980	33.2 AT 15:34 EST ON MAR 21	22.5 ON MAR 21	0.133 ON AUG 10	34 800	1980
1981	21.2 AT 17:27 EST ON FEB 23	16.5 ON FEB 23	0.312 ON JUL 27	38 900	1981
1982	37.9 AT 20:53 EST ON MAR 31	32.8 ON MAR 31	0.3238 ON FEB 11	59 300	1982
1983	22.2 AT 00:32 EST ON MAY 3	14.7 ON MAY 3	0.333 ON AUG 6	41 300	1983
1984	23.7 AT 00:24 EST ON MAR 22	17.1 ON MAR 22	0.255 ON AUG 8	45 400	1984
1985	40.2 AT 01:07 EST ON APR 6	29.7 ON APR 6	0.382 ON AUG 2	55 700	1985
1986	44.7 AT 20:45 EST ON SEP 29	29.1 ON SEP 11	0.310E ON MAY 14	59 800	1986
1987	14.1 AT 20:30 EST ON APR 5	12.2 ON APR 6	0.2428 ON FEB 5	35 100	1987
1988	---	10.1 ON APR 4	0.3068 ON DEC 19	32 800	1988
				41 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0	0.017	0.143	0.317	0.282	---	1970
1971	0.061	0.035	0.301	1.61	0.028	0.028	0.020	0.008	0.061	0	0.804	0.206	0.182	1971
1972	0.180	0.027	0.282	2.05	0.063	0.068	0.018	0.004	0.003	0.097	0.335	0.357	0.275	1972
1973	0.528	0.087	1.76	0.243	0.199	0.035	0	0.004	0	0	0.187	0.128	0.267	1973
1974	0.234	0.104	0.848	0.814	0.644	0.020	0.003	0	0	0	0.018	0.007	0.208	1974
1975	0.159	0.227	0.880	1.20	0.034	0.088	0	0.084	0.132	0.052	0.120	0.374	0.281	1975
1976	0.075	0.483	1.42	0.405	0.200	0.056	0.074	0.002	0.013	0.083	0.100	0.062	0.242	1976
1977	0.017	0.014	1.41	0.188	0.010	0.001	0.019	0.016	0.227	0.288	0.234	0.223	0.222	1977
1978	0.033	0.007	0.882	1.36	0.084	0.009	0	0	0.028	0.038	0.088	0.085	0.145	1978
1979	0.066	0.014	1.75	0.711	0.087	0.007	0.003	0	0	0.008	0.391	0.851	0.310	1979
1980	0.109	0.002	1.04	0.553	0.125	0.132	0.027	0.070	0.068	0.186	0.107	0.264	0.224	1980
1981	0.024	0.794	0.181	0.164	0.118	0.034	0.006	0.025	0.160	0.339	0.225	0.123	0.178	1981
1982	0.027	0.002	0.731	1.19	0.063	0.158	0.004	0.015	0.052	0.038	0.814	0.857	0.329	1982
1983	0.104	0.327	0.341	0.471	0.594	0.556	0	0	0.025	0.090	0.114	0.301	0.201	1983
1984	0.017	1.69	1.70	0.308	0.068	0.086	0.019	0.001	0.007	0.004	0.187	0.561	0.335	1984
MEAN	0.115	0.228	0.880	0.788	0.185	0.057	0.014	0.014	0.048	0.068	0.208	0.297	0.242	MEAN

LOCATION - LAT 43 40 12 N
LONG 80 36 46 W
DRAINAGE AREA, 17.8 km^2
NATURAL FLOW

REMARKS - DISCONTINUED FEB 01 1985. NO DATA PUBLISHED FOR 1985.

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	7.56 AT 04:45 EST ON APR 13	5.15 ON APR 13	0 ON JUN 24 *	5 730	1971
1972	10.4 AT 21:17 EST ON APR 16	5.35 ON APR 17	0.001 ON AUG 31	6 730	1972
1973	20.9 AT 13:19 EST ON MAR 11	8.31 ON MAR 11	0 ON JUN 11	6 420	1973
1974	24.0 AT 00:50 EST ON MAY 17	8.91 ON MAY 17	0 ON JUL 12	8 560	1974
1975	27.8 AT 00:01 EST ON APR 19 *	8.78 ON APR 19	0 ON JUL 1	8 230	1975
1976	11.6 B AT 17:30 EST ON MAR 24	6.80B ON MAR 20	0 ON JUN 10	7 660	1976
1977	14.9 B AT 03:49 EST ON MAR 13	8.41B ON MAR 13	0 ON MAY 28	7 010	1977
1978	10.3 AT 12:40 EST ON APR 11	6.56 ON APR 11	0 ON JUN 29	4 560	1978
1979	11.1 E AT 15:00 EST ON APR 14	9.00E ON APR 14	0 ON JUN 15	9 760	1979
1980	20.0 AT 12:10 EST ON MAR 21	9.33 ON MAR 21	0 ON JUN 26	7 070	1980
1981	---	4.40B ON FEB 23	0 ON JUN 19	5 840	1981
1982	---	12.0 B ON MAR 31 *	0.001 ON JUL 11	10 400	1982
1983	8.12 AT 18:36 EST ON MAY 2	3.28 ON MAY 3	0 ON JUN 21	6 360	1983
1984	16.4 AT 16:03 EST ON MAR 21	9.55 ON MAR 21	0 ON JUL 27	10 800	1984
				7 630	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	0.187	0.084	---	1976
1977	0.012	0.305	5.09	5.75	0.803	0.288	0.001	0.022	1.98	1.48	0.358	5.34	1.84	1977
1978	0.170	0.263	5.84	4.38	0.623	0.227	0.078	0.007	0.010	0.018	0.102	0.280	0.892	1978
1979	0.306	0.536	3.81	4.78	0.887	0.242	0.226	0.003	0.050	0.063	0.478	2.06	1.19	1979
1980	0.811	0.167	4.02	3.75	0.545	3.71	0.325	0.780	0.471	0.130	0.214	0.475	1.16	1980
1981	0.075	6.36	0.846	2.83	1.56	1.78	3.32	0.300	3.18	4.40	0.628	0.373	2.10	1981
1982	1.66	0.731	10.8	2.77	0.174	0.186	0.065	0.039	0.030	0.027	2.12	5.32	2.02	1982
1983	0.263	1.11	0.873	3.37	2.88	1.10	1.47	1.72	0.218	0.734	4.46	4.17	1.96	1983
1984	0.094	3.61	5.33	1.38	0.922	0.618	0.032	0.081	0.131	0.485	1.10	2.49	1.52	1984
1985	2.61	6.93	6.24	2.66	0.158	0.463	0.023	0.182	0.122	0.704	5.67	1.37	2.40	1985
1986	1.24	3.01	8.49	0.591	0.158	2.33	0.480	0.146	2.70	3.88	1.37	3.19	2.13	1986
1987	1.33	0.465	2.17	2.27	0.139	0.809	0.170	0.753	1.80	0.185	1.96	4.86	1.44	1987
1988	0.528	0.676	1.39	0.044	0.018	0.021	0.023	0.036	0.370	2.22	0.825	0.582	0.582	1988
MEAN	0.780	2.18	4.47	2.83	0.815	0.988	0.518	0.338	0.902	1.04	1.83	2.82	1.81	MEAN

LOCATION - LAT 42 09 33 N
LONG 83 01 05 W
DRAINAGE AREA, 159 km²
NATURAL FLOW

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	0.314 AT 17:01 EST ON NOV 27	---	---	---	1976
1977	---	58.6 E ON APR 25	0 B ON JAN 20 *	58 500	1977
1978	---	58.7 E ON MAR 22	0.005 ON AUG 4	31 200	1978
1979	---	24.6 E ON DEC 25	0.001E ON SEP 1	37 500	1979
1980	---	18.5 ON JUN 6	0.010E ON JUL 22	37 400	1980
1981	34.8 AT 12:30 EST ON OCT 3	30.4 ON OCT 2	0.028B ON JAN 22	66 400	1981
1982	---	58.0 B ON MAR 14	0.004 ON OCT 13	63 500	1982
1983	42.7 AT 18:27 EST ON MAY 2	36.1 ON MAY 2	0.011 ON JUN 25	61 900	1983
1984	54.7 AT 22:10 EST ON MAR 21	35.2 ON MAR 21	0.014 ON AUG 12	48 100	1984
1985	---	94.0 E ON FEB 24 *	0.005 ON AUG 5	75 600	1985
1986	59.8 AT 09:01 EST ON MAR 11 *	52.0 ON MAR 11	0.015 ON JUL 7	67 200	1986
1987	25.1 AT 11:57 EST ON DEC 18	21.5 ON DEC 18	0 ON JUN 30	45 400	1987
1988	---	7.25 ON NOV 22	0.011 ON JUL 8	17 600	1988
				50 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.289	0.370	2.38	---	1971
1972	0.746	0.375	0.439	24.0	5.73	1.13	1.79	2.14	0.438	3.87	5.70	2.84	4.03	1972
1973	3.03	2.88	16.4	8.62	3.84	2.03	0.519	0.279	0.140	0.348	1.01	1.29	3.81	1973
1974	1.32	1.63	7.26	16.5	7.41	1.13	0.321	0.170	0.042	0.103	0.761	1.51	3.17	1974
1975	1.93	0.701	5.08	17.0	1.74	0.764	0.085	0.051	0.082	0.283	0.822	1.78	2.51	1975
1976	0.287	0.364	11.6	13.6	5.71	2.27	1.96	0.502	0.687	2.18	1.76	0.418	3.47	1976
1977	0.201	0.178	13.0	7.56	1.04	0.245	0.143	0.067	0.333	2.37	2.83	3.28	2.80	1977
1978	3.89	2.64	2.03	25.2	2.08	0.835	0.184	0.083	0.055	0.063	0.337	0.212	3.11	1978
1979	0.268	0.217	11.6	10.5	2.65	0.723	0.330	0.101	0.056	1.06	2.03	4.74	2.90	1979
1980	1.26	0.138	0.96	7.33	2.06	0.331	0.261	0.139	0.388	1.20	1.45	1.96	2.19	1980
1981	0.316	13.6	3.08	3.64	2.27	4.70	0.771	0.588	3.08	5.35	3.86	1.27	3.45	1981
1982	0.476	0.276	2.15	17.2	1.75	0.896	0.249	0.072	0.192	0.328	1.62	4.83	2.82	1982
1983	1.65	0.773	8.17	8.64	7.68	0.924	0.132	0.088	0.044	0.232	2.62	2.00	2.84	1983
1984	0.656	4.14	3.67	22.2	4.88	0.895	0.181	1.04	0.413	0.456	1.64	2.15	3.49	1984
1985	1.16	1.41	13.4	11.4	1.64	1.16	0.186	0.058	0.058	0.172	0.859	0.598	2.85	1985
1986	0.636	0.283	5.62	4.89	8.67	1.11	2.31	3.59	4.88	8.12	2.42	1.78	3.45	1986
1987	0.870	0.435	10.3	10.1	1.08	0.864	0.687	0.131	0.328	0.847	1.08	4.83	2.83	1987
1988	0.788	2.04	5.30	6.80	2.21	0.214	0.343	0.245	0.228	1.25	3.73	0.698	2.14	1988
MEAN	1.14	1.88	7.77	12 9	3.68	1.19	0.613	0.551	0.974	1.39	1.91	2.08	2.88	MEAN

LOCATION - LAT 45 25 03 N
LONG 76 11 55 W
DRAINAGE AREA, 269 km²
NATURAL FLOW

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	85.00 ON APR 18 *	0.272 ON SEP 26	127 000	1972
1973	---	60.40 ON MAR 16	0.088 ON SEP 8	114 000	1973
1974	---	51.00 ON APR 5	0.035 ON SEP 8	89 800	1974
1975	77.60 AT 22:55 EST ON APR 18 *	72.2 ON APR 20	0.013 ON SEP 1	78 000	1975
1976	---	55.0 ON APR 1	0.187 ON AUG 7	110 000	1976
1977	---	61.00 ON MAR 15	0.084 ON AUG 4	82 100	1977
1978	66.50 AT 21:00 EST ON APR 15	54.50 ON APR 15	0.014 ON OCT 8	87 800	1978
1979	---	55.60 ON MAR 26	0.004 ON AUG 30 *	81 400	1979
1980	---	61.00 ON MAR 23	0.011 ON AUG 18	88 300	1980
1981	61.0 AT 00:30 EST ON FEB 24	57.2 ON FEB 24	0.180 ON AUG 4	109 000	1981
1982	---	41.00 ON APR 1	0.011 ON AUG 22	78 300	1982
1983	---	35.00 ON MAR 20	0.020 ON SEP 4	89 800	1983
1984	61.3 AT 21:47 EST ON APR 6	59.1 ON APR 6	0.027 ON SEP 25	111 000	1984
1985	---	32.4 ON MAR 29	0.0368 ON AUG 28	83 800	1985
1986	42.1 AT 15:54 EST ON MAY 23	39.9 ON MAY 24	0.1868 ON JAN 18	109 000	1986
1987	52.6 AT 07:24 EST ON MAR 26	48.7 ON MAR 26	0.030 ON AUG 30	79 800	1987
1988	---	27.80 ON MAR 27	0.035 ON JUN 19	87 800	1988
				84 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.580	1.03	---	1953
1954	1.53	8.26	7.73	5.18	1.13	0.454	0.209	0.251	0.335	5.53	1.43	1.16	2.73	1954
1955	1.44	2.29	4.82	4.65	0.988	0.667	0.170	0.139	0.107	0.414	0.886	1.24	1.48	1955
1956	0.875	0.796	3.10	7.87	3.20	0.594	0.812	0.572	0.446	0.522	0.722	2.50	1.86	1956
1957	1.82	2.35	4.06	3.59	1.91	1.69	1.15	0.194	0.693	0.661	2.65	4.20	2.08	1957
1958	1.42	1.17	3.19	2.55	0.600	0.303	0.160	0.185	0.241	0.260	0.514	0.585	0.928	1958
1959	0.724	0.747	2.63	5.45	2.98	0.883	0.854	0.859	0.667	1.24	3.55	2.79	2.22	1959
1960	2.59	2.26	1.79	5.56	4.36	1.75	0.649	0.331	0.238	0.312	0.767	0.346	2.06	1960
1961	0.285	2.09	3.53	2.70	2.12	0.890	0.810	0.778	0.667	0.443	0.596	1.65	1.37	1961
1962	1.01	1.02	3.96	4.04	1.04	0.411	0.236	0.202	0.230	1.39	1.13	1.23	1.33	1962
1963	0.608	0.425	4.34	3.52	2.40	0.864	0.715	0.455	0.257	0.246	0.842	0.705	1.27	1963
1964	2.75	1.43	3.92	2.80	1.32	0.470	0.428	3.06	0.668	0.696	1.15	3.32	1.83	1964
1965	1.80	5.10	2.94	8.55	2.34	0.523	0.337	0.426	0.607	1.59	2.57	4.59	2.59	1965
1966	2.21	3.71	5.91	3.13	1.71	1.02	0.274	0.218	0.268	0.358	1.29	3.17	1.93	1966
1967	3.08	2.58	4.36	6.59	1.86	3.38	1.17	0.772	0.601	1.81	5.18	4.48	2.85	1967
1968	2.17	5.76	5.26	2.79	1.32	0.828	0.442	1.58	1.12	0.861	2.42	3.31	2.32	1968
1969	2.24	3.45	4.63	7.91	4.80	1.74	0.819	0.321	0.272	0.858	1.57	1.38	2.55	1969
1970	0.983	1.72	1.91	7.78	1.82	0.523	0.831	0.343	0.847	1.53	1.67	2.56	1.88	1970
1971	1.20	2.07	4.13	5.10	1.52	0.832	0.463	0.265	0.268	0.284	0.421	1.16	1.72	1971
1972	1.76	1.28	3.42	9.25	1.96	1.60	0.804	0.433	0.363	0.902	1.31	3.14	2.09	1972
1973	5.00	2.14	5.08	2.87	1.93	1.44	0.531	0.333	0.205	0.291	0.820	1.32	1.92	1973
1974	3.20	1.76	6.52	6.02	4.57	1.00	0.413	0.294	0.243	0.409	1.41	0.818	2.23	1974
1975	2.81	2.68	4.78	10.5	1.98	0.800	0.385	1.25	2.13	1.08	1.36	4.41	2.86	1975
1976	1.80	3.95	13.0	3.66	2.39	0.770	0.938	0.382	0.877	1.08	1.55	1.30	2.85	1976
1977	1.18	1.27	10.7	3.07	0.728	0.427	0.656	2.46	2.23	3.97	3.22	2.66	2.75	1977
1978	1.88	1.01	2.02	8.27	2.28	1.14	0.354	0.395	1.26	1.57	1.50	1.25	1.89	1978
1979	1.56	0.936	8.04	5.64	2.53	0.786	0.456	0.429	0.124	1.04	2.16	4.08	2.55	1979
1980	1.72	0.893	5.15	5.06	1.70	0.862	0.585	0.342	0.615	1.27	1.21	2.28	2.00	1980
1981	0.809	5.95	3.54	2.16	1.60	0.780	0.383	0.428	0.869	1.56	1.78	1.40	1.83	1981
1982	1.33	0.782	5.63	9.84	1.18	1.62	0.801	0.483	0.519	0.558	3.15	5.28	2.59	1982
1983	2.38	2.84	2.61	3.50	3.97	1.41	0.518	0.518	1.33	1.66	2.43	2.64	2.12	1983
1984	1.48	5.30	4.63	3.10	1.38	1.21	0.523	0.332	0.568	0.488	1.83	3.14	2.22	1984
1985	2.04	3.45	9.05	5.44	1.61	0.894	0.381	0.336	0.683	1.28	3.42	2.07	2.83	1985
1986	1.54	1.29	6.19	3.53	2.04	2.13	1.29	1.14	7.54	5.34	3.26	2.67	3.26	1986
1987	1.59	0.922	5.63	3.48	0.773	0.610	0.467	0.488	0.382	0.623	2.74	3.22	1.77	1987
1988	2.47	3.40	5.53	3.53	1.80	0.574	0.205	0.262	0.578	1.54	3.03	2.33	2.09	1988
MEAN	1.83	2.59	5.08	5.65	2.04	1.02	0.554	0.603	0.840	1.25	1.81	2.37	2.14	MEAN

LOCATION - LAT 44 06 47 N
LONG 81 01 12 W
DRAINAGE AREA, 183 km^2
NATURAL FLOW

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	38.4 ON OCT 15	0.142 ON JUL 19	88 300	1954
1955	---	19.3 ON MAR 11	0.085 ON JUL 14	46 800	1955
1956	---	27.0 ON APR 4	0.113 ON AUG 12	58 700	1956
1957	---	18.2 ON DEC 21	0.142 ON AUG 22	85 800	1957
1958	---	8.69 ON MAR 29	0.057 ON AUG 19 *	29 300	1958
1959	---	26.6 ON APR 2	0.227 ON AUG 8	70 100	1959
1960	---	29.4 ON APR 3	0.204 ON SEP 6	65 200	1960
1961	---	9.328 ON FEB 24	0.169 ON NOV 29	43 100	1961
1962	---	23.0 ON MAR 30	0.169 ON AUG 25	41 800	1962
1963	35.8 AT 04:00 EST ON MAR 27	24.7 ON MAR 27	0.176 ON SEP 18	40 100	1963
1964	36.0 AT 13:00 EST ON AUG 3	24.1 ON AUG 3	0.127 ON JUL 31	57 800	1964
1965	28.3 AT 10:00 EST ON APR 12	25.6 ON APR 12	0.224 ON AUG 1	81 700	1965
1966	18.88 AT 08:00 EST ON FEB 11	17.0 B ON FEB 11	0.142 ON AUG 1	60 800	1966
1967	25.6 AT 06:00 EST ON APR 3	21.9 ON APR 3	0.224 ON SEP 18	93 000	1967
1968	36.08 AT 13:30 EST ON FEB 2	32.5 B ON FEB 2	0.263 ON JUL 18	73 300	1968
1969	27.6 AT 09:15 EST ON APR 5	24.4 ON APR 5	0.212 ON SEP 4	80 300	1969
1970	22.8 AT 03:27 EST ON APR 15	20.5 ON APR 15	0.232 ON AUG 15	58 200	1970
1971	21.3 AT 11:00 EST ON APR 13	20.2 ON APR 13	0.204 ON AUG 20	54 300	1971
1972	33.1 AT 03:10 EST ON APR 15	30.0 ON APR 14	0.252 ON SEP 23	68 200	1972
1973	25.0 AT 00:00 EST ON JAN 1	17.2 ON JAN 1	0.133 ON SEP 8	80 500	1973
1974	35.1 AT 09:11 EST ON APR 4	30.0 ON APR 4	0.187 ON AUG 22	70 500	1974
1975	82.4 AT 09:18 EST ON APR 19 *	68.0 ON APR 19 *	0.281 ON AUG 16	90 200	1975
1976	56.1 AT 05:46 EST ON MAR 21	47.3 ON MAR 21	0.229 ON AUG 25	83 800	1976
1977	74.6 AT 11:53 EST ON MAR 13	65.4 ON MAR 13	0.170E ON JUL 30	86 600	1977
1978	22.2 AT 22:04 EST ON APR 11	19.8 ON APR 12	0.195 ON SEP 8	58 600	1978
1979	64.7 AT 11:10 EST ON APR 14	50.6 ON APR 14	0.062 ON SEP 22	83 800	1979
1980	39.6 AT 20:48 EST ON MAR 21	29.1 ON MAR 21	0.205 ON AUG 27	83 300	1980
1981	35.3 AT 07:45 EST ON FEB 23	28.5 ON FEB 23	0.141 ON AUG 23	67 600	1981
1982	80.2 AT 21:50 EST ON MAR 31	42.6 ON MAR 31	0.287 ON AUG 18	81 700	1982
1983	10.6 AT 00:05 EST ON MAY 3	8.21 ON MAY 3	0.207 ON SEP 13	66 800	1983
1984	---	33.0 B ON FEB 14	0.183A ON AUG 22	70 200	1984
1985	41.8 AT 05:53 EST ON APR 5	36.6 ON APR 5	0.180E ON AUG 5	88 200	1985
1986	58.0 AT 19:49 EST ON SEP 11	36.7 ON SEP 12	0.471 ON AUG 14	102 000	1986
1987	15.8 AT 12:50 EST ON MAR 26	14.1 ON MAR 26	0.245 ON SEP 10	55 700	1987
1988	---	19.2 ON MAR 28	0.080 ON JUL 22	86 100	1988
				67 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CASTOR RIVER AT RUSSELL - STATION NO. 02LB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	5.39	1.59	0.317	0.241	0.988	0.017	0.130	0.738	---	---	1948
1949	---	---	---	22.9	1.68	0.478	0.186	0.186	0.313	0.374	0.882	---	---	1949
1950	---	---	---	36.4	0.615	---	---	---	---	---	---	---	---	1950
1951	---	---	29.4	33.5	0.345	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	4.83	1.08	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1955	---	---	8.00	39.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.833	27.8	---	---	---	---	---	---	---	---	---	1956
1957	---	---	8.85	5.40	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.4	12.1	---	---	---	---	---	---	---	---	---	1958
1959	---	---	3.26	29.4	---	---	---	---	---	---	---	---	---	1959
1960	---	---	2.45	43.9	---	---	---	---	---	---	---	---	---	1960
1961	---	---	10.2	11.7	---	---	---	---	---	---	---	---	---	1961
1962	---	---	7.76	24.0	---	---	---	---	---	---	---	---	---	1962
1963	---	---	6.88	33.2	---	---	---	---	---	---	---	---	---	1963
1964	---	---	13.3	11.2	---	---	---	---	---	---	---	---	---	1964
1965	---	---	6.76	11.8	---	---	---	---	---	---	---	---	---	1965
1966	---	---	16.7	6.84	---	---	---	---	---	---	---	---	---	1966
1967	---	---	4.06	24.2	---	---	---	---	---	---	---	8.26	---	1967
1968	0.636	0.689	23.0	9.70	1.98	1.48	3.28	0.311	1.26	0.880	2.53	3.11	4.08	1968
1969	1.06	1.88	11.5	30.7	8.97	1.40	0.630	0.432	0.183	0.214	1.89	2.84	5.11	1969
1970	0.183	0.541	1.07	39.8	4.41	0.386	0.286	0.188	0.367	1.48	5.14	3.10	4.72	1970
1971	1.68	0.851	0.886	44.4	4.84	0.486	0.230	0.371	0.358	0.411	0.887	2.11	4.78	1971
1972	1.30	0.898	2.23	53.8	5.60	5.32	14.0	6.33	0.508	5.70	10.0	4.07	9.00	1972
1973	7.51	5.15	46.0	12.6	8.99	5.53	0.577	4.80	0.588	1.77	2.89	4.56	8.45	1973
1974	4.60	4.64	13.8	26.1	10.9	1.54	0.864	0.699	0.268	0.281	1.23	2.86	5.72	1974
1975	4.31	1.80	12.3	36.1	1.57	0.554	0.255	0.152	1.04	2.76	4.23	8.60	5.23	1975
1976	1.11	2.64	31.2	19.4	[illegible]	2.45	1.45	0.885	0.981	2.02	2.76	1.03	5.15	1976
1977	0.652	0.388	31.0	11.7	1.82	0.428	0.875	0.366	0.852	7.34	6.37	8.86	5.75	1977
1978	8.22	3.27	5.80	46.1	3.19	1.83	0.388	0.312	0.267	0.311	0.633	0.655	5.80	1978
1979	0.680	0.405	23.1	12.5	2.51	1.14	0.431	0.336	0.808	1.87	5.23	8.87	4.84	1979
1980	2.17	0.323	15.8	14.7	3.73	0.886	0.389	0.380	0.984	2.83	3.80	3.83	4.11	1980
1981	0.724	26.2	5.42	5.38	8.95	8.20	1.94	4.85	13.5	8.46	7.87	2.21	7.48	1981
1982	1.48	0.727	8.54	31.3	1.84	0.827	0.457	0.505	0.648	0.787	3.05	11.8	4.88	1982
1983	3.68	3.88	16.7	16.8	11.3	1.86	0.380	0.200	0.181	0.887	8.08	8.46	6.20	1983
1984	1.81	8.62	7.71	34.0	7.48	1.43	0.401	0.888	0.436	0.373	0.835	2.87	5.48	1984
1985	1.74	3.88	24.2	13.5	2.01	1.01	0.304	0.274	0.186	0.438	1.04	1.11	4.13	1985
1986	1.88	0.766	11.2	8.88	8.04	2.08	2.64	2.75	8.73	10.3	8.86	8.21	5.46	1986
1987	1.68	0.735	18.7	11.0	1.78	1.88	1.87	0.488	1.80	1.82	3.83	11.2	4.77	1987
1988	2.17	8.38	10.7	10.6	2.98	0.887	0.884	0.228	0.188	1.86	7.45	1.32	3.83	1988
MEAN	2.32	3.47	12.8	21.7	4.32	1.86	1.38	1.08	1.40	2.37	3.81	4.80	5.83	MEAN

LOCATION - LAT 48 16 43 N
LONG 75 20 40 W
DRAINAGE AREA, 433 km^2
NATURAL FLOW

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	138 ON MAR 30	0 ON SEP 3 *	---	1948
1949	---	103 ON MAR 31	---	---	1949
1950	---	183 ON APR 5	---	---	1950
1951	---	143 ON MAR 31	---	---	1951
1952	---	108 ON APR 3	---	---	1952
1953	---	80.7 ON MAR 28	---	---	1953
1954	---	179 ON APR 6	---	---	1954
1955	---	185 ON APR 5 *	---	---	1955
1956	---	103 ON APR 6	---	---	1956
1957	---	91.3 ON MAR 18	---	---	1957
1958	---	85.0E ON MAR 30	---	---	1958
1959	---	114 ON APR 5	---	---	1959
1960	---	81.2 ON APR 13	---	---	1960
1961	---	67.4 ON MAR 29	---	---	1961
1962	---	89.1 ON MAR 31	---	---	1962
1963	---	152 ON APR 1	---	---	1963
1964	---	41.8 ON APR 8	---	---	1964
1965	---	30.8B ON MAR 9	---	---	1965
1966	---	58.3W ON MAR 5	---	---	1966
1967	---	112 ON APR 2	---	---	1967
1968	193 B AT 00:01 EST ON MAR 29	103 B ON MAR 28	0.026 ON AUG 7	120 000	1968
1969	86.0B AT 21:50 EST ON APR 6	89.1 ON APR 7	0.085 ON OCT 15	181 000	1969
1970	208 AT 01:30 EST ON APR 14 *	153 ON APR 13	0.088 ON AUG 22	148 000	1970
1971	148 AT 22:20 EST ON APR 16	120 ON APR 16	0.110 ON AUG 22	180 000	1971
1972	152 B AT 00:01 EST ON APR 16	137 B ON APR 17	0.3268 ON MAR 7	284 000	1972
1973	---	147 B ON MAR 16	0.317 ON JUL 31	268 000	1973
1974	---	113 B ON APR 5	0.232 ON OCT 1	180 000	1974
1975	127 AT 18:15 EST ON APR 19	105 ON APR 19	0.113 ON AUG 12	188 000	1975
1976	---	142 B ON MAR 28	0.1108 ON JAN 25	195 000	1976
1977	---	144 B ON MAR 15	0.105 ON JUL 12	181 000	1977
1978	148 AT 01:12 EST ON APR 14	142 ON APR 14	0.181E ON JUL 13	188 000	1978
1979	---	125 B ON MAR 25	0.168E ON JUL 19	156 000	1979
1980	---	88.0B ON MAR 22	0.176 ON AUG 11	130 000	1980
1981	---	88.0B ON FEB 21	0.287 ON AUG 3	235 000	1981
1982	---	147 B ON APR 1	0.199 ON AUG 20	154 000	1982
1983	89.8 AT 17:30 EST ON MAR 19	86.7 ON MAR 19	0.181A ON SEP 19	196 000	1983
1984	121 AT 20:18 EST ON APR 5	103 ON APR 6	0.150A ON SEP 27	173 000	1984
1985	---	80.0B ON MAR 14	0.122 ON SEP 24	130 000	1985
1986	72.8 AT 13:31 EST ON MAY 23	86.5 ON MAY 23	0.405B ON JAN 18	173 000	1986
1987	129 AT 01:40 EST ON MAR 28	116 B ON MAR 25	0.168 ON SEP 7	151 000	1987
1988	---	97.8B ON MAR 27	0.126 ON AUG 20	118 000	1988
				174 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	70.8	88.8	73.4	75.9	88.7	74.8	---	1970
1971	87.3	43.1	30.8	31.7	83.0	71.6	83.1	59.8	48.8	39.1	45.4	42.8	49.8	1971
1972	37.0	30.8	24.4	21.0	44.2	88.8	82.8	57.0	53.7	59.3	84.4	44.8	48.3	1972
1973	34.8	27.7	24.0	23.8	31.7	35.2	45.8	41.3	40.6	57.8	57.4	53.5	39.8	1973
1974	43.6	35.3	29.8	26.8	72.8	201	158	88.0	113	88.1	83.3	48.0	81.0	1974
1975	36.7	31.8	25.7	23.8	48.8	78.8	88.8	83.7	81.4	37.9	34.1	28.9	43.8	1975
1976	35.3	22.8	18.1	24.4	38.2	42.8	36.7	28.2	18.8	14.8	12.8	11.2	24.4	1976
1977	10.4	10.4	10.3	12.8	23.8	28.2	34.8	38.8	87.8	88.0	80.4	45.4	32.0	1977
1978	37.8	30.7	22.8	20.1	48.8	80.1	88.7	82.4	74.8	80.8	47.8	38.7	85.8	1978
1979	32.1	24.8	21.2	22.3	82.3	75.3	88.7	48.8	88.4	80.7	74.8	81.9	48.4	1979
1980	47.8	37.4	29.3	25.4	48.1	82.7	48.0	28.8	27.8	33.8	38.8	38.2	38.8	1980
1981	28.7	23.3	18.4	18.7	28.8	38.8	38.3	27.8	18.8	20.8	28.8	35.7	28.8	1981
1982	35.8	30.7	28.2	24.1	88.1	118	104	75.1	47.8	41.8	42.0	40.0	84.4	1982
1983	33.8	27.3	22.8	18.7	23.4	28.8	47.8	83.4	41.1	32.7	30.2	28.2	32.4	1983
1984	27.7	24.4	20.2	24.0	88.1	82.2	88.2	44.0	30.8	27.3	32.8	38.8	38.8	1984
1985	38.7	30.8	23.8	28.4	103	127	122	80.2	78.8	84.3	74.8	87.1	71.4	1985
1986	42.8	33.2	28.8	28.8	73.0	80.2	82.8	34.8	28.4	33.3	28.8	42.7	42.8	1986
1987	38.8	30.8	28.3	32.8	88.2	81.3	47.4	33.2	20.8	13.4	11.5	10.8	31.7	1987
1988	10.8	8.88	8.38	10.3	17.8	31.0	34.1	28.1	22.0	24.8	24.2	24.8	18.8	1988
MEAN	34.2	28.0	22.7	22.3	48.8	71.8	88.8	83.1	47.2	48.8	44.7	40.0	43.2	MEAN

LOCATION - LAT 51 10 00 N
LONG 81 35 50 W
DRAINAGE AREA, 6 380 km^2
NATURAL FLOW

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	75.0 AT 13:55 CST ON JUN 7	75.0 ON JUN 7	26.1 ON APR 10	1 580 000	1971
1972	69.7 AT 13:04 CST ON JUN 19	69.4 ON JUN 19	20.2 ON APR 18	1 480 000	1972
1973	---	65.5 ON OCT 16	21.5 ON APR 12	1 250 000	1973
1974	225 AT 16:16 CST ON JUN 17 *	225 ON JUN 17 *	24.4 ON APR 15	2 550 000	1974
1975	80.7 AT 21:35 CST ON JUN 23	80.1 ON JUN 23	22.7 ON APR 15	1 390 000	1975
1976	45.0 AT 16:59 CST ON JUN 19	44.7 ON JUN 19	10.4 ON DEC 30	771 000	1976
1977	84.0 AT 23:50 EST ON SEP 28	83.7 ON SEP 27	9.37 ON APR 7	1 010 000	1977
1978	104 AT 00:16 EST ON JUL 16	103 ON JUL 16	18.2 ON APR 21	1 750 000	1978
1979	78.7 AT 13:35 EST ON JUN 15	78.1 ON NOV 7	18.0 ON APR 12	1 580 000	1979
1980	58.6 AT 03:27 EST ON JUN 7	56.3 ON JUN 8	22.4 ON APR 17	1 170 000	1980
1981	42.2 AT 20:16 EST ON JUL 4	42.1 ON JUL 5	15.8 ON MAR 27	848 000	1981
1982	130 AT 13:35 EST ON JUN 24	129 ON JUN 20	22.7 ON APR 20	1 710 000	1982
1983	58.7 AT 19:11 EST ON AUG 13	58.4 ON AUG 12	18.6 ON APR 20	1 020 000	1983
1984	85.3 AT 02:54 EST ON JUN 25	85.2 ON JUN 25	18.0 ON APR 10	1 250 000	1984
1985	129 AT 14:44 EST ON JUN 11	129 ON JUN 9	19.8 E ON APR 7	2 250 000	1985
1986	69.1 AT 00:11 EST ON MAY 30	68.9 ON MAY 29	23.0 ON MAR 24	1 350 000	1986
1987	65.3 AT 14:40 EST ON JUN 2	64.8 ON JUN 3	10.7 ON DEC 27	898 000	1987
1988	---	37.3 ON JUL 21	8.98E ON MAR 21 *	628 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 360 000	MEAN

E - ESTIMATED

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	1.31	---	1978
1979	7.20	9.97	7.59	6.75	5.10	2.52	1.30	1.12	1.04	2.07	3.26	5.85	4.61	1979
1980	7.78	5.44	7.26	10.1	6.66	1.85	1.29	1.84	4.28	4.44	3.37	4.11	5.03	1980
1981	3.64	11.8	10.2	3.25	2.23	2.48	3.23	2.53	11.2	18.3	5.88	4.64	6.31	1981
1982	6.41	9.37	5.76	9.47	2.82	7.12	2.52	2.72	3.53	2.38	4.66	4.27	5.04	1982
1983	5.03	6.31	1.64	9.73	12.3	2.80	1.28	1.32	1.02	3.02	5.32	4.00	4.73	1983
1984	10.1	10.4	8.17	13.6	---	---	---	---	---	---	0.882	0.358	---	1984
1985	3.78	6.67	8.64	7.25	---	---	---	---	---	---	3.85	4.67	---	1985
1986	10.1	10.0	5.65	0.514	---	---	---	---	---	---	5.02	5.71	---	1986
1987	10.6	9.17	4.36	8.26	---	---	---	---	---	---	3.85	5.78	---	1987
1988	7.17	12.0	7.76	6.74	---	---	---	---	---	---	2.89	2.36	---	1988
MEAN	7.25	9.27	6.62	7.66	6.27	3.31	1.82	1.85	4.21	5.56	3.82	4.01	5.14	MEAN

LOCATION - LAT 44 34 43 N DRAINAGE AREA, 394 km^2
LONG 76 19 13 W REGULATED

REMARKS - EFFECTIVE 1984 SEASONAL OPERATION (MID-OCT TO MID-MAY)

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	15.2 AT 14:50 EST ON MAR 8	14.9 ON MAR 8	0.520 ON JAN 1	145 000	1979
1980	19.4 AT 05:22 EST ON MAY 1	18.3 ON MAY 1	0.316 ON JUN 17	159 000	1980
1981	---	23.0E ON FEB 24 *	0.313 ON AUG 28	159 000	1981
1982	14.2 AT 08:40 EST ON MAY 29	13.6 ON MAY 30	0.200 ON JUL 6 *	159 000	1982
1983	30.0 AT 10:55 EST ON MAY 8	19.9 ON MAY 10	0.286 ON MAR 21	149 000	1983
1984	23.9 AT 11:09 EST ON MAY 3 *	21.3 ON APR 19	---	---	1984
1985	18.1 AT 23:12 EST ON FEB 26	17.9 ON FEB 27	---	---	1985
1986	15.4 AT 11:02 EST ON JAN 10	---	---	---	1986
1987	10.7 AT 10:27 EST ON APR 21	10.2 ON APR 8	---	---	1987
1988	---	16.7 ON FEB 25	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		162 000	MEAN

E - ESTIMATED

CATFISH CREEK AT AYLMER - STATION NO. 02EC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	1.28	0.667	3.67	3.05	0.318	0.181	0.068	0.057	0.081	0.217	0.748	2.62	0.843	1987
1988	0.577	1.57	2.33	1.28	0.348	0.118	0.077	0.034	0.019	0.338	2.18	1.59	0.858	1988
MEAN	0.919	1.01	2.35	2.17	0.334	0.149	0.053	0.046	0.039	0.277	1.48	2.01	0.901	MEAN

LOCATION - LAT 42 46 25 N DRAINAGE AREA, 120 km^2
LONG 80 56 58 W NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 16 1986

CATFISH CREEK AT AYLMER - STATION NO. 02EC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	19.3 AT 18:02 EST ON APR 5 *	15.3 ON APR 5 *	0 ON JUL 23 *	29 600	1987
1988	---	13.1 ON MAR 26	0 ON JUN 28	27 100	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 600	MEAN

CATFISH CREEK NEAR SPARTA - STATION NO. 02EC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	3.72	0.403	0.275	0.225	2.27	---	1964
1965	3.86	10.8	14.1	8.31	0.701	0.224	0.164	0.168	0.144	1.28	1.61	5.26	3.80	1965
1966	1.91	4.04	7.09	5.61	1.49	1.12	0.152	0.130	0.153	0.183	0.520	6.75	2.39	1966
1967	2.94	1.89	8.01	8.42	2.76	4.72	1.27	0.227	0.188	0.342	1.85	6.32	3.06	1967
1968	4.89	11.3	7.67	2.72	0.657	4.30	1.13	0.886	1.03	1.89	4.44	3.86	3.85	1968
1969	13.1	2.73	4.03	10.1	8.42	1.50	0.470	0.239	0.160	0.281	3.29	2.92	3.79	1969
1970	1.85	3.24	7.54	5.18	0.868	0.327	0.435	0.088	0.145	0.430	5.34	5.23	2.64	1970
1971	1.26	9.80	10.2	3.12	0.554	0.323	0.104	0.067	0.086	0.171	0.173	0.728	2.17	1971
1972	2.03	0.483	13.8	8.18	2.41	1.14	2.10	0.539	0.204	0.488	3.17	6.59	3.46	1972
1973	3.98	2.50	16.7	5.33	1.84	1.36	0.383	0.373	0.153	0.300	3.28	3.71	3.33	1973
1974	8.12	4.00	7.82	5.74	5.31	1.82	0.935	0.186	0.147	0.270	1.86	2.82	3.32	1974
1975	7.53	5.88	8.82	3.82	1.14	3.07	0.969	4.39	5.41	1.28	2.67	4.78	4.31	1975
1976	4.37	15.6	15.6	3.54	3.05	0.842	1.14	0.618	0.234	0.462	1.08	0.718	3.80	1976
1977	0.339	1.81	18.2	4.86	0.842	0.334	0.230	0.206	4.85	3.62	3.34	13.2	4.37	1977
1978	2.02	1.32	17.4	9.93	2.13	0.484	0.228	0.246	0.289	0.457	0.857	1.82	2.12	1978
1979	3.00	1.91	12.6	12.2	1.59	0.703	0.422	0.535	0.385	0.823	7.09	9.02	4.21	1979
1980	3.67	1.06	9.31	8.83	1.71	2.49	2.82	1.30	2.00	4.04	1.25	3.85	3.61	1980
1981	0.377	10.7	2.67	5.42	1.48	0.883	0.402	1.13	5.85	5.42	3.03	2.14	3.44	1981
1982	2.77	0.483	16.3	6.83	3.09	3.25	0.712	0.633	1.03	2.45	15.0	20.2	6.11	1982
1983	2.86	5.00	3.28	8.02	5.42	1.07	1.04	7.75	3.09	1.86	5.31	13.2	4.95	1983
1984	0.800	16.5	8.49	5.08	2.10	4.95	0.831	0.413	0.764	0.525	2.57	4.96	3.84	1984
1985	3.10	12.4	14.2	5.84	0.795	1.06	0.450	1.33	0.589	2.65	13.6	4.48	5.08	1985
1986	4.27	2.96	13.5	3.89	2.00	1.51	0.437	0.316	0.518	3.46	1.71	7.43	3.51	1986
1987	3.03	1.06	6.48	7.88	0.537	0.281	0.104	0.227	0.179	0.328	1.72	8.57	2.38	1987
1988	1.17	3.12	5.19	2.84	0.598	0.149	0.215	0.189	0.114	0.630	5.47	2.88	1.87	1988
MEAN	3.46	5.46	10.3	6.42	2.10	1.57	0.718	1.04	1.16	1.46	3.81	5.85	3.00	MEAN

LOCATION - LAT 42 44 46 N LONG 81 03 29 W

DRAINAGE AREA, 287 km^2
NATURAL FLOW

CATFISH CREEK NEAR SPARTA - STATION NO. 02EC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	145 AT 17:00 EST ON MAR 5	130 ON MAR 5	0.102 ON AUG 28	123 000	1965
1966	86.6 AT 23:30 EST ON DEC 7	40.2 ON DEC 8	0.051 ON JUL 21	75 300	1966
1967	118 AT 11:00 EST ON JUN 28	71.6 ON JUN 28	0.125 ON SEP 8	98 600	1967
1968	144 AT 12:00 EST ON FEB 2	129 ON FEB 2	0.212 ON SEP 1	116 000	1968
1969	133 AT 20:45 EST ON JAN 30	106 ON JAN 30	0.122 ON SEP 6	118 000	1969
1970	92.5 AT 17:45 EST ON APR 2	81.5 ON APR 2	0.040 ON AUG 11	83 200	1970
1971	113 AT 10:17 EST ON FEB 27	81.5 ON FEB 27	0.024 ON AUG 10	88 300	1971
1972	88.8 AT 09:50 EST ON MAR 22	54.7 ON MAR 22	0.142 ON SEP 7	109 000	1972
1973	130 AT 18:12 EST ON MAR 11	84.0 ON MAR 11	0.118 ON SEP 8	105 000	1973
1974	91.7 AT 10:21 EST ON JAN 27	66.0 ON JAN 27	0.093 ON AUG 26	105 000	1974
1975	73.3 AT 07:54 EST ON JAN 9	50.7 ON JAN 9	0.173 ON AUG 1	136 000	1975
1976	140 E AT 12:50 EST ON MAR 5	105 E ON MAR 5	0.187 ON SEP 8	123 000	1976
1977	130 AT 04:20 EST ON MAR 8	103 ON MAR 13	0.125 ON JUL 31	136 000	1977
1978	148 AT 16:38 EST ON MAR 21	88.6 ON MAR 22	0.037 ON SEP 25	86 300	1978
1979	147 AT 04:15 EST ON APR 14	103 ON APR 14	0.178 ON JUL 30	133 000	1979
1980	137 AT 14:11 EST ON MAR 21	88.2 ON MAR 21	0.228 ON JUL 18	111 000	1980
1981	---	84.0E ON FEB 23	0.136 ON JUL 16	108 000	1981
1982	151 AT 00:01 EST ON MAR 14	121 ON MAR 14	0.210E ON SEP 21	103 000	1982
1983	---	93.0E ON AUG 12	0.210E ON SEP 15	158 000	1983
1984	208 AT 08:42 EST ON FEB 14 *	201 ON FEB 14 *	0.238 ON AUG 28	120 000	1984
1985	158 AT 19:54 EST ON FEB 24	134 ON FEB 24	0.087 ON AUG 13	160 000	1985
1986	131 AT 03:32 EST ON MAR 11	80.5 ON MAR 11	0.144 ON AUG 28	111 000	1986
1987	84.6 AT 10:19 EST ON APR 5	47.2 ON APR 5	0.015 ON JUL 28 *	74 300	1987
1988	---	28.8 ON MAR 26	0.034 ON JUL 18	69 200	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		114 000	MEAN

E - ESTIMATED

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	0.488	0.188	0.188	0.338	1.35	0.848	---	1951
1952	2.19	1.83	2.98	3.07	0.882	0.338	0.272	0.281	0.285	0.248	0.408	0.783	1.00	1952
1953	1.16	1.21	3.12	1.40	1.18	0.885	0.343	0.252	0.258	0.070	0.575	0.785	0.942	1953
1954	1.14	3.12	3.08	3.83	1.18	0.380	0.178	0.080	0.223	2.58	1.25	1.38	1.50	1954
1955	1.84	1.83	3.88	1.78	0.478	0.223	0.134	0.140	0.122	0.358	0.700	0.782	0.842	1955
1956	0.418	0.781	3.51	1.88	1.84	0.341	0.428	1.18	1.01	0.801	0.818	0.828	1.14	1956
1957	1.30	1.11	1.08	1.83	0.703	0.348	0.487	0.187	0.378	0.388	0.639	1.12	0.788	1957
1958	0.517	0.813	1.13	0.898	0.268	0.292	0.428	0.188	0.281	---	---	---	---	1958
1959	1.04	1.81	2.20	4.43	1.41	0.842	0.218	0.170	0.183	0.387	0.088	0.157	1.05	1959
1960	0.207	1.49	1.38	1.38	0.804	0.284	0.188	0.288	0.285	0.301	0.320	0.388	0.894	1960
1961	0.421	0.838	2.84	0.758	0.728	0.508	0.328	0.305	0.382	0.884	1.18	0.827	0.811	1961
1962	0.333	0.283	3.38	1.00	0.588	0.237	0.188	0.181	0.158	0.228	0.187	0.142	0.575	1962
1963	0.438	0.348	1.44	1.22	0.803	0.120	0.138	1.18	0.341	0.180	0.221	0.878	0.584	1963
1964	0.870	3.03	2.88	3.70	0.528	0.148	0.088	0.078	0.078	0.188	0.588	1.18	1.10	1964
1965	0.584	1.22	2.08	1.48	0.788	0.447	0.178	0.185	0.152	0.170	0.802	2.31	0.880	1965
1966	1.13	0.825	2.03	2.32	0.874	0.848	0.388	0.228	0.171	0.823	0.828	1.83	0.954	1966
1967	0.807	2.80	2.07	0.831	0.415	0.572	0.283	0.148	0.133	0.177	0.848	0.838	0.757	1967
1968	2.04	1.04	1.88	2.07	1.12	0.380	0.131	0.082	0.081	0.188	0.730	0.418	0.817	1968
1970	0.211	0.443	1.58	1.20	0.883	0.114	0.313	0.218	0.207	0.302	0.884	0.801	0.557	1970
1971	0.510	1.08	2.71	1.52	0.210	0.213	0.178	0.091	0.062	0.113	0.184	0.321	0.584	1971
1972	0.447	0.215	2.83	2.28	0.873	0.183	0.548	0.823	0.203	0.852	1.04	1.74	0.872	1972
1973	1.18	0.948	4.34	1.20	0.898	0.358	0.328	0.308	0.130	0.408	1.48	1.08	1.04	1973
1974	2.30	1.13	2.02	1.81	1.37	0.492	0.238	0.231	0.202	0.343	0.878	0.824	0.870	1974
1975	1.28	1.88	2.85	1.70	0.473	0.822	0.183	0.383	0.818	0.435	0.728	1.00	0.988	1975
1976	0.881	3.60	4.72	1.84	1.58	0.384	1.18	0.454	0.301	0.434	0.850	0.388	1.32	1976
1977	0.248	0.417	4.81	1.47	0.343	0.221	0.138	0.221	0.810	0.878	0.880	2.17	1.07	1977
1978	0.483	0.388	2.88	3.81	0.822	0.185	0.084	0.182	0.418	0.440	0.881	0.738	0.800	1978
1979	0.948	0.890	3.85	3.48	0.788	0.244	0.142	0.282	0.182	0.807	1.80	2.10	1.24	1979
1980	1.08	0.445	2.81	2.24	0.718	0.388	0.423	0.228	0.283	0.832	0.388	0.808	0.840	1980
1981	0.181	3.24	0.834	1.01	0.488	0.388	0.188	0.518	1.87	1.28	0.784	0.480	0.894	1981
1982	0.502	0.280	4.88	2.88	0.585	0.784	0.280	0.285	0.288	0.283	1.31	2.83	1.21	1982
1983	0.742	1.33	1.10	1.85	1.28	0.438	0.484	1.78	0.413	0.504	0.813	1.87	1.01	1983
1984	0.438	3.83	2.22	1.78	0.788	1.88	0.484	0.238	0.441	0.388	0.787	1.41	1.18	1984
1985	0.828	3.24	4.47	2.10	0.418	0.318	0.282	0.288	0.278	1.03	3.37	1.48	1.80	1985
1986	1.27	0.708	3.88	1.20	0.788	0.858	0.457	0.302	0.888	1.24	0.888	1.80	1.11	1986
1987	0.848	0.441	1.87	2.08	0.528	0.213	0.880	0.208	0.184	0.231	0.823	1.33	0.771	1987
1988	0.328	0.823	1.80	0.783	0.481	0.088	0.287	0.388	0.141	0.533	1.28	0.788	0.808	1988
MEAN	0.849	1.32	2.87	1.88	0.748	0.412	0.321	0.344	0.331	0.803	0.834	1.08	0.948	MEAN

LOCATION - LAT 43 07 38 N DRAINAGE AREA, 93.2 km²
LONG 80 48 06 W REGULATED

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	10.8 ON MAR 11	0.162 ON AUG 28	31 700	1952
1953	---	19.3 ON MAR 4	0.028 ON OCT 22	29 700	1953
1954	---	21.8 ON FEB 18	0.026 ON JUL 28	47 400	1954
1955	---	13.5 ON MAR 1	0.026 ON JUL 11	29 700	1955
1956	---	24.5 ON MAR 7	0.108 ON JUN 22	36 000	1956
1957	---	11.2 ON APR 8	0.082 ON AUG 28	24 800	1957
1958	---	1.88 ON JUL 4	0.087 ON MAY 14	---	1958
1959	---	37.4 ON MAR 31 *	0.026 ON NOV 8	33 300	1959
1960	---	8.18 ON FEB 24	0 ON JUL 27 *	18 700	1960
1961	---	10.1 B ON MAR 13	0.088 ON AUG 3	25 600	1961
1962	---	12.3 ON MAR 18	0.037 ON SEP 11	18 100	1962
1963	---	4.70 ON AUG 24	0.014 ON JUL 27	16 800	1963
1964	---	37.8 ON FEB 10	0.003 ON JUL 2	34 600	1964
1965	---	11.4 ON DEC 7	0.040 ON SEP 1	27 100	1965
1966	---	14.8 ON DEC 22	0.017 ON JUN 17	30 100	1966
1967	---	35.4 ON FEB 2	0.057 ON JUN 9	23 800	1967
1968	---	18.8 ON JAN 30	0.008 ON AUG 31	25 800	1968
1969	---	7.05 ON APR 3	0 ON APR 22	17 600	1969
1970	---	11.4 ON MAR 18	0 ON MAY 7	18 700	1970
1971	---	14.5 ON MAR 22	0.040 ON AUG 17	30 600	1971
1972	---	14.0 ON MAR 12	0.020 ON SEP 28	32 700	1972
1973	20.5 AT 22:41 EST ON MAR 11	14.3 ON JAN 27	0.008 ON JUL 11	30 800	1973
1974	31.7 AT 20:34 EST ON JAN 27	15.0 ON FEB 24	0 ON JUL 18	31 200	1974
1975	22.1 AT 22:10 EST ON FEB 24	26.5 ON MAR 8	0.103 ON AUG 23	41 700	1975
1976	68.0 AT 21:51 EST ON MAR 8 *	21.2 ON MAR 13	0.028 ON AUG 11	33 800	1976
1977	26.1 AT 12:21 EST ON MAR 13	15.1 ON MAR 24	0.021 ON JUL 18	28 400	1977
1978	18.7 AT 12:02 EST ON MAR 24	28.7 ON APR 14	0 ON SEP 29	28 000	1978
1979	86.3 AT 21:43 EST ON MAR 4	11.4 ON MAR 18	0.002 ON JUN 28	28 800	1979
1980	23.5 AT 22:15 EST ON MAR 17	13.8 ON FEB 19	0 ON AUG 21	28 200	1980
1981	14.7 AT 03:82 EST ON FEB 19	36.0 ON MAR 31	0.148 ON JAN 31	38 200	1981
1982	63.8 AT 11:27 EST ON MAR 31	8.87 ON AUG 1	0.148 ON SEP 13	31 800	1982
1983	8.28 AT 14:23 EST ON SEP 18	30.8 ON FEB 14	0.183 ON AUG 24	37 200	1983
1984	35.1 AT 15:42 EST ON FEB 14	22.8 ON FEB 25	0.182 ON AUG 13	47 300	1984
1985	36.7 AT 23:02 EST ON FEB 24	12.8 ON MAR 19	0.183 ON SEP 8	34 800	1985
1986	16.0 AT 19:34 EST ON MAR 19	10.6 ON APR 8	0.122A ON SEP 8	24 300	1986
1987	13.3 AT 22:54 EST ON APR 5	8.14 ON MAR 28	0.050E ON SEP 18	19 200	1987
1988	---				1988
				29 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	4.20	---	1984
1985	2.27	1.04	0.521	3.35	4.88	2.87	1.41	2.74	2.53	8.30	4.01	2.04	2.82	1985
1986	0.883	0.538	0.473	8.80	9.40	0.881	1.10	0.888	2.48	3.23	3.88	1.38	2.41	1986
1987	0.887	0.888	0.700	3.81	3.10	2.33	2.06	1.80	0.827	1.15	2.80	2.40	1.77	1987
1988	1.03	0.889	0.484	8.40	8.83	2.38	0.328	0.874	1.08	1.91	4.07	2.48	2.38	1988
MEAN	1.21	0.883	0.537	4.78	5.80	2.08	1.23	1.80	1.78	3.00	3.84	2.50	2.38	MEAN

LOCATION - LAT 48 42 27 N DRAINAGE AREA, 201 km²
LONG 85 54 38 W REGULATED

REMARKS - STATION ACTIVATED NOV 1984

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	---	---	---	---	1984
1985	12.0 AT 22:23 EST ON APR 25	11.8 ON APR 25	0.438B ON APR 5	88 000	1985
1986	13.3 AT 18:23 EST ON MAY 1 *	13.1 ON MAY 1 *	0.187 BE JUN 25 *	75 100	1986
1987	6.80 AT 13:10 EST ON APR 22	6.71 ON APR 22	0.215 ON SEP 21	55 700	1987
1988	---	11.7 ON MAY 13	0.170 ON JUL 29	75 400	1988
				74 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05DE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	14.8	11.2	9.82	9.24	33.3	43.2	34.8	16.7	15.3	17.2	25.8	22.8	20.4	1970
1971	17.8	13.5	11.0	14.5	21.8	25.1	18.2	11.7	8.88	7.95	8.70	9.34	14.1	1971
1972	8.50	8.11	7.82	8.72	11.5	11.0	10.7	8.88	7.78	7.04	8.17	8.23	8.78	1972
1973	8.42	8.11	8.12	8.07	6.84	8.78	8.85	8.87	13.1	13.3	12.2	11.3	8.83	1973
1974	10.2	9.48	8.80	13.2	44.8	82.0	40.7	23.1	20.8	14.1	10.7	8.10	22.3	1974
1975	8.24	8.32	8.89	9.12	17.1	22.3	23.1	15.9	10.3	7.33	6.38	6.81	12.0	1975
1976	8.43	8.46	8.40	8.13	10.8	11.1	8.18	8.25	4.84	3.02	2.31	2.07	8.23	1976
1977	2.17	2.17	2.20	3.20	3.77	8.08	8.82	8.82	8.84	8.14	8.38	8.84	8.71	1977
1978	8.11	8.89	7.18	7.32	20.8	28.8	28.7	18.8	18.8	10.2	8.88	8.08	13.8	1978
1979	8.74	8.34	8.37	8.11	18.1	18.8	18.8	11.3	10.4	7.34	8.18	7.88	10.3	1979
1980	7.91	7.48	7.01	8.81	8.37	8.88	8.88	8.48	8.84	8.88	8.38	4.90	8.88	1980
1981	4.88	4.18	4.18	4.32	4.83	4.88	8.84	8.78	8.83	8.31	8.13	4.81	4.81	1981
1982	8.18	8.32	8.48	8.88	11.2	18.8	18.1	18.8	11.8	11.8	8.28	8.43	10.8	1982
1983	7.78	7.18	8.83	8.48	7.77	11.4	12.8	8.38	8.38	3.73	2.88	2.87	7.88	1983
1984	2.81	2.88	2.88	4.33	8.24	18.7	12.8	18.3	8.48	8.12	8.18	8.38	8.22	1984
1985	8.48	8.43	8.88	7.41	18.8	28.8	23.7	18.8	18.2	14.4	12.1	12.1	13.8	1985
1986	11.8	8.83	7.38	18.8	22.8	28.4	13.3	8.78	8.88	8.84	4.18	3.88	18.2	1986
1987	3.88	4.13	4.81	5.23	4.78	8.88	4.28	3.82	2.88	2.28	1.87	1.88	3.88	1987
1988	1.88	1.77	2.83	3.12	4.18	4.88	8.78	8.78	8.82	8.78	8.78	8.88	8.28	1988
MEAN	7.48	8.78	8.28	7.78	14.8	18.2	15.8	11.8	8.78	8.28	7.78	7.34	10.1	MEAN

LOCATION - LAT 50 30 30 N DRAINAGE AREA, 1 880 km²
LONG 83 18 30 W NATURAL FLOW

REMARKS - CHANGE IN CONTROL DUE TO BRIDGE CONSTRUCTION IN FEB 88.

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05DE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	48.7 AT 12:00 CST ON JUN 18	46.2 ON JUN 18	7.83 ON APR 15	644 000	1970
1971	26.7 AT 11:38 CST ON JUN 23	26.7 ON JUN 23	7.53 ON OCT 30	445 000	1971
1972	14.1 AT 17:33 CST ON APR 30	14.0 ON APR 30	8.00 ON NOV 30	278 000	1972
1973	16.8 AT 12:53 CST ON APR 23	16.5 ON APR 23	5.84 ON MAR 31	300 000	1973
1974	71.4 AT 08:48 CST ON JUN 8 *	70.5 ON JUN 8 *	7.76 ON APR 15	703 000	1974
1975	26.8 AT 18:24 CST ON JUN 26	26.5 ON JUN 26	5.47 ON DEC 11	380 000	1975
1976	15.3 AT 16:30 CST ON APR 16	15.0 ON APR 16	2.02A ON NOV 26	187 000	1976
1977	12.7 AT 16:42 CST ON SEP 13	12.6 ON SEP 13	2.10 ON MAR 1	180 000	1977
1978	33.6 AT 23:41 CST ON JUN 26	33.0 ON JUN 26	5.83 ON DEC 28	440 000	1978
1979	21.8 AT 13:10 CST ON JUN 4	21.5 ON JUN 3	5.01 ON MAR 13	324 000	1979
1980	13.4 AT 13:47 CST ON APR 23	13.2 ON APR 24	4.64 ON DEC 26	218 000	1980
1981	8.58 AT 14:33 CST ON JUL 3	8.41 ON AUG 11	3.52 ON MAY 23	185 000	1981
1982	20.4 AT 11:03 CST ON JUL 24	20.3 ON JUL 20	4.73E ON JAN 1	332 000	1982
1983	16.2 AT 06:36 CST ON JUL 4	15.9 ON JUL 4	3.63E ON DEC 28	221 000	1983
1984	13.5 AT 11:46 CST ON JUL 17	13.4 ON JUL 22	3.81E ON JAN 5	197 000	1984
1985	28.7 A AT 13:00 CST ON JUL 1	28.5 A ON JUL 1	4.84A ON APR 11	429 000	1985
1986	25.5 AT 22:54 CST ON MAY 6	25.4 ON MAY 27	3.81B ON DEC 30	322 000	1986
1987	6.90 AT 17:37 CST ON APR 13	6.68 ON APR 13	1.85 ON DEC 9	115 000	1987
1988	10.5 AT 05:58 CST ON AUG 9	10.4 ON AUG 9	1.72 ON FEB 15 *	167 000	1988
				318 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX) E - ESTIMATED

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	1.18	0.261	---	1974
1975	0.251	0.141	0.209	1.36	0.632	0.499	0.338	0.118	0.241	0.423	0.803	0.528	0.483	1975
1976	0.128	0.068	1.39	1.77	1.03	0.348	0.452	0.188	0.214	0.233	0.248	0.164	0.518	1976
1977	0.118	0.108	1.42	1.71	0.270	0.209	0.527	0.537	0.859	0.583	0.853	0.302	0.591	1977
1978	0.181	0.135	0.148	1.78	0.648	0.290	0.288	0.547	0.815	0.887	0.481	0.338	0.568	1978
1979	0.192	0.208	1.45	2.82	0.935	0.300	0.184	0.344	0.480	0.805	0.898	0.444	0.745	1979
1980	0.258	0.125	0.722	2.17	0.695	0.536	0.595	0.349	0.889	0.983	0.611	0.272	0.783	1980
1981	0.143	0.894	0.790	2.14	0.737	0.585	0.181	0.240	0.836	1.30	0.518	0.304	0.722	1981
1982	0.185	0.168	0.381	2.48	0.500	0.353	0.150	0.192	0.804	0.624	0.780	1.38	0.848	1982
1983	0.487	0.192	0.880	1.35	1.51	0.383	0.170	0.229	0.498	1.05	0.455	0.254	0.824	1983
1984	0.170	0.828	0.772	1.48	0.804	0.891	0.898	0.429	0.885	0.848	1.30	0.804	0.760	1984
1985	0.784	0.830	0.893	3.09	0.832	0.344	0.838	0.184	0.218	0.338	0.588	0.303	0.710	1985
1986	0.137	0.121	0.825	1.86	0.787	0.588	0.836	0.281	0.348	0.886	0.407	0.274	0.573	1986
1987	0.193	0.178	1.02	1.01	0.408	0.384	0.273	0.288	0.180	0.451	0.513	0.485	0.444	1987
1988	0.198	0.462	0.859	2.10	0.578	0.211	0.148	0.804	0.494	0.818	0.828	0.317	0.824	1988
MEAN	0.248	0.308	0.817	1.98	0.782	0.407	0.375	0.321	0.531	0.781	0.888	0.419	0.828	MEAN

LOCATION - LAT 46 18 38 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²
NATURAL FLOW

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	9.83 AT 18:51 EST ON JUL 20	4.02 ON APR 19	0 E ON AUG 18 *	14 800	1975
1976	8.01 AT 18:14 EST ON MAR 27	8.08 ON MAR 27	0.088 ON AUG 30	16 400	1976
1977	8.48 AT 06:24 EST ON JUL 25	8.23 ON JUL 25	0.088 ON JUL 23	18 600	1977
1978	10.3 AT 03:26 EST ON SEP 15	5.86 ON SEP 15	0.082 ON JUL 6	17 800	1978
1979	---	5.308 ON MAR 24	0.075 ON JUL 20	23 500	1979
1980	13.6 AT 21:00 EST ON APR 8	11.6 E ON APR 8 *	0.1228 ON FEB 11	24 100	1980
1981	11.5 AT 10:48 EST ON APR 4	7.80 ON APR 4	0.074 ON AUG 22	22 800	1981
1982	15.3 AT 01:32 EST ON DEC 25	7.70 ON APR 17	0.078 ON JUL 27	20 400	1982
1983	8.02 AT 15:27 EST ON MAR 19	7.08 ON MAR 19	0.082 ON JUL 27	19 700	1983
1984	7.82 AT 00:32 EST ON NOV 3	4.80E ON NOV 2	0.1288 ON FEB 1	24 800	1984
1985	18.3 AT 21:48 EST ON APR 22 *	10.4 ON APR 22	0.112 ON JUL 4	22 400	1985
1986	10.8 AT 01:30 EST ON JUL 28	7.27 ON JUL 28	0.088 ON AUG 31	18 100	1986
1987	7.01 AT 13:04 EST ON MAR 30	6.01 ON MAR 30	0.072 ON AUG 1	14 000	1987
1988	---	6.06 ON APR 7	0.088 ON JUL 23	19 700	1988
				19 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHUKUNI RIVER NEAR BAR FALLS - STATION NO. 05QC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	40.6	35.1	33.6	---	1982
1983	26.9	23.6	9.34	34.3	63.7	86.5	72.1	41.9	12.8	9.94	11.2	6.88	33.2	1983
1984	6.86	7.66	7.17	12.0	76.8	43.7	36.8	22.4	36.0	40.5	30.8	25.1	29.0	1984
1985	20.5	16.1	13.1	13.3	61.2	87.1	34.4	16.4	18.4	28.5	23.8	23.3	27.1	1985
1986	19.8	15.1	12.8	16.2	77.8	100	70.8	15.1	13.4	13.0	13.4	12.4	31.8	1986
1987	11.3	11.2	11.0	22.4	86.8	72.6	48.1	50.7	12.2	8.84	10.1	10.3 R	29.8 R	1987
1988	9.11R	8.04R	8.25R	27.7	61.0	83.1	75.7	84.3	60.2	85.8	48.7	33.6	45.6 R	1988
1989	31.8	28.8	28.1	31.4	48.2	88.6	88.8	60.0	42.1	81.6	38.8	33.8	42.4	1989
1990	28.7	20.2	18.8	19.4	44.6	48.4	48.8	28.8	28.0	47.2	88.4	80.8	38.7	1990
1991	42.2	28.1	23.0	23.8	60.3	48.1	88.0	18.8	11.8	8.82	12.8	14.8	28.8	1991
1992	15.7	14.4 R	14.0	18.8	88.4	88.3	33.8	18.2	12.8	13.8	13.0	11.4	28.8 R	1992
1993	10.8	11.0	11.8	20.1	37.8	43.8	38.1	44.2	88.8	87.7	30.1	28.7	33.8	1993
1994	22.0	18.4	18.8	27.3	102	102	73.8	38.8	88.2	38.4	23.4	13.8	83.4	1994
1995	14.0	14.8	14.8	27.7	88.8	83.0	38.0	40.8	33.3	28.8	18.8	8.82	30.8	1995
1996	8.83	10.8	13.7	41.0	32.2	18.3	10.8	8.77	7.87	11.4	17.8	8.48	18.4	1996
1997	3.28	3.38	3.88	8.42	4.18	11.1	43.3	28.3	77.8	88.2	30.7	28.4	28.8	1997
1998	21.2	18.8	18.3	18.4	88.3	72.3	71.4	82.4	42.1	38.2	17.1	11.3	38.8	1998
1999	10.4	10.4	11.3	38.7	87.2	78.8	27.4	28.8	44.4	28.0	23.8	28.2	34.2	1999
2000	18.2	15.1	18.8	32.0	42.8	27.8	21.8	18.4	18.3	23.8	28.1	14.1	22.8	2000
2001	11.7	11.3	11.7	10.3	8.38	14.4	27.0	3.88	12.0	18.4	21.8	18.1	13.8	2001
2002	10.8	10.3	10.2	18.8	73.4	88.8	40.1	28.8	18.8	21.8	28.2	18.8	30.8	2002
2003	12.8	12.3	12.0	13.2	8.83	28.1	88.8	18.3	10.4	8.83	18.3	18.0	18.8	2003
2004	14.3	13.2	10.8	8.32	38.8	71.8	48.4	18.8	7.35	13.8	30.8	23.8	24.2	2004
2005	17.8	13.8	13.8	28.3	71.3	88.0	78.1	44.2	88.8	84.2	28.3	21.8	40.8	2005
2006	20.8	16.1	18.3	28.8	78.7	33.4	18.3	17.8	8.41	22.8	23.2	17.8	24.7	2006
2007	14.8	14.0	14.2	33.0	31.8	18.8	11.8	7.78	0.837	8.475	1.88	2.48	11.8	2007
2008	5.78	8.88	8.88	8.88	8.43	18.8	11.8	8.41	8.87	10.8	17.3	14.8	8.38	2008
MEAN	18.8 R	14.4 R	13.2 R	21.8	88.1	88.7	44.3	27.8	28.2	28.1	25.0	18.4 R	28.2 R	MEAN

LOCATION - LAT 50 52 20 N
LONG 93 28 00 W
DRAINAGE AREA, 4 820 km²
REGULATED SINCE 1984

R - REVISED SINCE JAN 01 1987

REMARKS - RECORD MINIMUM FLOW OCCURRED IN 1983 DUE TO CLOSURE OF RED LAKE OUTLET FROM CONSTRUCTION ON SNOWSHOE RAPIDS

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05PC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	105 ON JUN 17	0.028E ON SEP 24 *	1 090 000	1963
1964	---	88.3 ON MAY 13	6.81 ON JAN 9	817 000	1964
1965	---	78.7 ON JUN 9	3.11 ON APR 22	858 000	1965
1966	---	131 ON MAY 21	9.81 ON AUG 18	1 000 000	1966
1967	---	108 ON MAY 27	8.95 ON SEP 9	940 000R	1967
1968	---	108 ON JUN 14	8.55 AB ON MAR 15	1 440 000R	1968
1969	---	92.8 ON JUL 1	23.8 ON APR 11	1 370 000	1969
1970	---	103 ON NOV 5	11.7 ON APR 23	1 250 000	1970
1971	71.6 AT 08:00 CST ON MAY 17	71.6 ON MAY 17	7.16 ON OCT 18	807 000	1971
1972	---	104 ON MAY 1	11.0 B ON DEC 28	820 000R	1972
1973	---	88.3 ON JUN 23	10.4 B ON JAN 18	1 070 000	1973
1974	---	202 ON JUN 8 *	13.4 B ON NOV 30	1 880 000	1974
1975	---	88.0 ON JUN 24	7.89 B ON DEC 10	875 000	1975
1976	---	84.8 ON APR 22	9.28 ON DEC 31	488 000	1976
1977	---	99.1A ON SEP 12	0.936A ON MAR 30	808 000	1977
1978	82.4 AT 15:10 CST ON JUN 27	81.0 ON JUN 27	10.7 ON NOV 22	1 180 000	1978
1979	95.5 AT 17:20 CST ON MAY 18	94.3 ON MAY 18	10.2 B ON JAN 11	1 080 000	1979
1980	87.6 AT 16:55 CST ON APR 29	87.2 ON APR 27	12.0 ON AUG 4	720 000	1980
1981	37.9 AT 13:30 CST ON JUN 30	37.4 ON JUN 30	0.27 ON AUG 3	434 000	1981
1982	100 AT 16:38 CST ON JUN 10	99.2 ON JUN 11	4.74 ON SEP 22	975 000	1982
1983	78.4 AT 17:33 CST ON JUL 6	78.1 ON JUL 6	4.63 ON OCT 21	834 000	1983
1984	82.4 AT 13:38 CST ON JUN 18	81.8 ON JUN 12	3.45 ON APR 28	788 000	1984
1985	102 AT 13:28 CST ON JUL 2 *	101 ON JUL 1	11.6 B ON FEB 22	1 280 000	1985
1986	89.7 AT 23:41 CST ON MAY 16	89.3 ON MAY 17	5.38 ON SEP 2	780 000	1986
1987	93.9 AT 11:30 CST ON APR 27	93.2 ON APR 27	0.434 ON SEP 25	371 000	1987
1988	---	16.3 ON NOV 22	3.15 ON AUG 23	287 000	1988
MEAN				932 000R	MEAN

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987
(See REFERENCE INDEX)

CLARE RIVER NEAR BIGART - STATION NO. 02HL102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.11	---	---	1968
1969	---	---	4.45	6.97	7.18	2.43	0.815	0.410	0.092	0.188	---	---	---	1969
1970	0.754	1.27	2.15	8.01	3.13	0.478	0.280	0.044	0.014	0.118	1.28	2.58	1.75	1970
1971	1.44	1.08	2.80	15.5	3.88	0.439	0.152	0.048	0.261	0.248	0.442	1.85	2.38	1971
1972	2.08	1.80	2.08	17.5	6.20	1.90	1.35	1.40	0.382	1.11	4.38	4.73	3.71	1972
1973	4.80	3.80	13.5	7.80	2.25	0.687	0.210	0.150	0.183	0.093	0.817	2.00	3.07	1973
1974	3.22	2.04	7.00	13.8	6.73	1.20	0.387	0.180	0.186	0.533	0.980	1.88	3.22	1974
1975	2.08	1.88	8.24	11.8	3.83	0.582	0.132	0.088	0.081	0.135	0.388	1.80	2.83	1975
1976	1.35	3.11	---	---	1.77	0.632	0.293	0.148	0.124	0.289	---	---	---	1976
1977	---	---	14.2	8.12	1.14	0.324	0.187	---	---	---	---	---	---	1977
MEAN	2.24	2.27	6.88	11.4	3.87	0.963	0.387	0.305	0.187	0.337	1.34	2.35	2.79	MEAN

LOCATION - LAT 44 26 57 N
LONG 77 13 10 W
DRAINAGE AREA, 180 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

CLARE RIVER NEAR BIGART - STATION NO. 02HL102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	15.0 ON MAY 22	---	---	1969
1970	16.4 AT 05:30 EST ON APR 12	15.3 ON APR 12	0.003 ON SEP 17 *	55 200	1970
1971	30.6E AT 18:00 EST ON APR 15	28.7E ON APR 15	0.003 ON AUG 10	76 100	1971
1972	30.9E AT 00:37 EST ON APR 20 *	30.6E ON APR 20	0.215 ON SEP 23	117 000	1972
1973	25.3 AT 03:00 EST ON MAR 20	25.9 ON MAR 20	0.046 ON OCT 13	98 800	1973
1974	29.2 AT 03:45 EST ON APR 7	28.3 ON APR 7	0.110 ON SEP 3	101 000	1974
1975	29.4 AT 23:48 EST ON APR 21	28.9 ON APR 22	0.058 ON AUG 20	82 600	1975
1976	---	---	0.071 ON AUG 24	---	1976
1977	---	43.9 ON MAR 18 *	---	---	1977
MEAN				88 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	--	---	---	---	---	---	---	0.356	0.852	3.12	---	1971
1972	3.91	1.83	1.73	13.5	15.6	2.97	2.86	1.17	0.268	0.233	3.75	3.92	4.32	1972
1973	4.26	4.17	13.4	14.4	5.38	1.73	0.488	0.786	0.521	0.213	0.661	1.78	3.89	1973
1974	3.48	3.80	8.46	15.3	13.3	2.87	0.765	0.306	0.081	0.028	0.463	1.91	3.84	1974
1975	2.17	1.88	3.83	13.4	5.78	2.27	0.285	0.117	0.086	0.186	0.330	0.875	2.69	1975
1976	0.847	1.63	8.39	17.3	7.51	2.37	1.89	0.784	0.312	1.66	2.37	1.80	3.80	1976
1977	1.27	0.983	8.20	9.00	2.07	0.634	0.302	0.177	0.126	0.302	1.13	3.83	2.33	1977
1978	3.96	3.88	2.88	16.1	7.90	0.617	0.411	0.241	0.111	0.051	0.042	0.258	3.15	1978
1979	1.56	1.40	7.06	15.3	5.48	2.86	0.334	0.188	0.187	0.841	2.68	4.87	3.86	1979
1980	3.88	1.26	5.99	10.6	6.34	1.83	1.17	0.882	0.401	0.848	3.26	2.80	3.13	1980
1981	1.83	10.1	8.12	4.22	2.48	2.83	1.84	0.804	5.24	4.02	5.04	3.40	4.11	1981
1982	2.31	1.76	1.83	14.0	4.81	2.24	0.881	0.338	0.382	0.350	1.26	5.02	3.82	1982
1983	5.05	2.93	5.83	9.38	10.4	2.24	0.417	0.307	0.288	0.176	0.858	3.18	3.41	1983
1984	2.23	5.17	5.22	22.5	8.46	3.21	0.366	0.336	0.185	0.247	0.478	0.715	4.06	1984
1985	1.37	1.34	5.82	13.2	3.87	1.70	1.02	0.176	0.090	0.188	0.817	1.06	2.53	1985
1986	1.64	1.11	3.81	8.86	4.47	2.83	1.19	0.680	1.76	3.64	3.54	1.82	2.70	1986
1987	1.81	1.36	3.31	15.0	2.35	2.13	0.838	0.259	0.090	0.072	0.887	4.05	2.84	1987
1988	1.87	2.39	3.39	11.1	5.53	1.32	0.326	0.081	0.082	0.216	1.04	1.36	2.37	1988
MEAN	2.39	2.71	5.53	13.1	6.55	2.15	0.876	0.431	0.894	0.738	1.96	2.52	3.35	MEAN

LOCATION - LAT 45 08 04 N DRAINAGE AREA, 280 km²
LONG 76 37 52 W REGULATED

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	33.7 AT 13:05 EST ON MAY 4	33.4 ON MAY 4	0.183 ON OCT 31	123 000	1972
1973	30.0 AT 13:05 EST ON APR 5	28.7 ON APR 5	0.181 ON OCT 26	123 000	1973
1974	28.4 AT 15:41 EST ON APR 17	28.2 ON APR 17	0.032 ON OCT 29 *	121 000	1974
1975	33.1 AT 15:55 EST ON APR 22	32.3 ON APR 22	0.074 ON SEP 18	84 700	1975
1976	44.7 AT 23:10 EST ON APR 2 *	43.3 ON APR 2 *	0.286 ON SEP 24	123 000	1976
1977	18.7 AT 04:56 EST ON MAR 18	18.4 ON MAR 18	0.127 ON SEP 29	73 400	1977
1978	37.1 AT 13:00 EST ON APR 22	36.8 ON APR 23	0.031 ON NOV 15	88 400	1978
1979	28.8 AT 13:25 EST ON APR 5	28.5 ON APR 5	0.124 ON OCT 6	113 000	1979
1980	26.2 AT 01:13 EST ON MAR 23	24.7 ON MAR 23	0.340 ON OCT 1	99 200	1980
1981	41.7 AT 04:54 EST ON FEB 25	41.5 ON FEB 25	0.260E ON AUG 30	130 000	1981
1982	33.7 AT 15:20 EST ON APR 22	32.7 ON APR 22	0.215 ON SEP 29	92 100	1982
1983	18.6 AT 00:16 EST ON MAY 10	16.5 ON MAY 10	0.108E ON OCT 18	107 000	1983
1984	38.7 AT 01:05 EST ON APR 18	38.3 ON APR 18	0.057 ON OCT 1	128 000	1984
1985	17.4 AT 19:35 EST ON APR 7	17.0 ON APR 8	0.084 ON SEP 21	78 600	1985
1986	15.8 AT 08:53 EST ON APR 3	15.6 ON APR 3	0.480 ON SEP 7	85 200	1986
1987	40.8 AT 20:57 EST ON APR 6	40.3 ON APR 8	0.052 ON OCT 13	83 400	1987
1988	---	38.3A ON APR 8	0.033 ON SEP 30	76 100	1988
				102 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.458	0.434	0.837	3.01	8.35	---	1970
1971	4.38	3.88	8.82	36.7	22.7	3.13	0.888	0.381	0.808	0.727	1.37	8.32	7.18	1971
1972	5.01	3.71	3.89	31.1	30.1	8.21	5.00	2.81	0.718	1.27	8.84	7.82	8.63	1972
1973	9.18	9.01	28.8	31.8	10.8	3.82	1.01	1.38	1.01	1.20	2.28	4.38	8.78	1973
1974	4.34	5.49	12.8	33.0	27.4	6.10	1.91	0.864	0.233	0.172	1.23	3.63	8.08	1974
1975	4.46	3.80	8.82	32.2	14.5	4.06	0.776	0.288	0.224	0.480	1.07	2.80	8.14	1975
1976	2.78	3.62	16.7	36.8	15.1	4.88	3.82	1.37	0.872	2.86	4.18	2.80	8.31	1976
1977	2.08	1.85	17.6	21.1	4.88	1.81	0.772	0.583	0.488	1.34	3.02	8.44	8.31	1977
1978	9.88	8.40	8.78	40.6	15.8	1.88	0.411	0.358	0.148	0.281	0.853	0.885	7.00	1978
1979	1.87	1.86	14.3	32.8	12.2	5.88	0.748	0.383	0.480	2.00	5.08	10.7	7.34	1979
1980	8.08	2.76	14.8	24.1	15.2	3.88	2.82	1.31	0.888	1.80	4.32	6.00	7.02	1980
1981	2.87	23.0	17.8	8.48	8.08	6.86	3.20	1.32	14.0	8.14	13.1	7.08	9.30	1981
1982	3.74	3.83	3.27	30.1	10.4	4.84	1.38	0.849	0.413	0.780	3.36	11.4	8.08	1982
1983	10.5	8.86	12.7	21.0	22.4	4.88	0.736	0.404	0.201	0.418	3.88	7.47	7.42	1983
1984	3.88	10.4	10.2	50.8	18.0	---	---	---	---	---	---	---	---	1984
1985	---	2.87	12.1	28.0	7.84	2.86	1.87	0.284	0.080	0.234	2.12	2.33	---	1985
1986	2.80	2.14	7.87	15.1	10.6	6.48	2.66	2.86	4.88	10.6	8.40	5.00	8.48	1986
1987	4.02	2.81	8.80	33.0	8.83	4.04	1.81	0.378	0.284	0.858	2.38	8.87	8.07	1987
1988	4.20	8.02	8.28	26.0	11.0	2.09	0.403	0.137	0.108	0.727	3.17	3.03	8.24	1988
MEAN	4.84	5.67	11.8	30.8	14.8	4.13	1.70	0.877	1.44	1.88	3.77	8.88	7.18	MEAN

LOCATION - LAT 45 02 46 N DRAINAGE AREA, 814 km²
LONG 76 24 03 W REGULATED

REMARKS - STATION INOPERATIVE MAY 27 1984 - JAN 29 1985 DUE TO BRIDGE CONSTRUCTION ON SITE

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	71.8 AT 00:50 EST ON APR 24	70.6 ON APR 23	0.252 ON AUG 20	226 000	1971
1972	77.0B AT 20:13 EST ON APR 21	71.4 ON APR 22	0.410 ON SEP 30	279 000	1972
1973	---	72.5 ON APR 4	0.284 ON JUL 28	277 000	1973
1974	69.1 AT 08:35 EST ON APR 18	64.6 ON APR 18	0.142E ON NOV 2	265 000	1974
1975	78.5 AT 10:55 EST ON APR 22	75.3 ON APR 22	0.136E ON AUG 22	184 000	1975
1976	101 AT 01:06 EST ON APR 3	97.7 ON APR 3	0.374 ON SEP 17	263 000	1976
1977	---	38.0B ON MAR 18	0.170E ON SEP 2	167 000	1977
1978	81.0 AT 19:25 EST ON APR 22	78.0 ON APR 22	0.087E ON SEP 10	220 000	1978
1979	65.5 AT 14:00 EST ON APR 5	65.5 ON APR 5	0.368A ON AUG 16	231 000	1979
1980	---	61.5B ON MAR 23	0.424E ON SEP 22	222 000	1980
1981	104 AT 00:01 EST ON FEB 26 *	98.7B ON FEB 25 *	0.76A ON AUG 30	293 000	1981
1982	72.5 AT 18:45 EST ON APR 22	71.2 ON APR 22	0.300E ON SEP 28	181 000	1982
1983	41.2 AT 18:47 EST ON MAY 10	40.7 ON MAY 10	0.130E ON SEP 16	234 000	1983
1984	68.6 AT 04:52 EST ON APR 19	67.6 ON APR 19	---	---	1984
1985	---	36.1E ON APR 8	0.087E ON SEP 22	---	1985
1986	36.1 AT 12:02 EST ON APR 2	36.0 ON APR 2	1.20 ON SEP 10	203 000	1986
1987	83.1 AT 01:33 EST ON APR 7	80.8 ON APR 7	0.112E ON AUG 28	181 000	1987
1988	---	52.5 ON APR 6	0.020E ON SEP 30 *	188 000	1988
				226 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD CREEK AT ORLAND - STATION NO. 02HK007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	1.56	1.56	1.38	---	1981
1982	1.47	0.982	3.08	6.37	2.14	1.48	1.03	1.18	1.08	1.33	1.93	2.43	2.08	1982
1983	2.06	3.91	2.75	2.97	2.62	1.17	0.766	0.854	1.15	1.67	2.28	3.41	2.17	1983
1984	1.37	3.65	2.89	5.01	2.95	1.95	1.42	1.17	1.17	1.12	1.81	1.85	2.19	1984
1985	1.13	2.83	5.44	3.38	1.67	1.68	1.22	1.05	1.30	1.30	3.43	2.08	2.20	1985
1986	2.33	1.67	4.60	2.77	2.11	1.63	1.31	1.61	2.67	2.40	2.08	3.21	2.33	1986
1987	1.76	1.52	4.66	4.84	1.83	1.61	1.25	0.845	1.30	1.36	1.83	2.28	2.04	1987
1988	1.42	1.58	4.35	2.80	1.48	0.805	0.768	0.714	0.886	1.21	1.84	1.14	1.83	1988
MEAN	1.86	2.32	3.87	3.93	2.10	1.50	1.10	1.08	1.35	1.50	2.04	2.22	2.07	MEAN

LOCATION - LAT 44 08 04 N, LONG 77 47 17 W
DRAINAGE AREA, 159 km^2
NATURAL FLOW

COLD CREEK AT ORLAND - STATION NO. 02HK007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	20.2 AT 08:16 EST ON APR 1	18.2 ON APR 1	0.857 ON SEP 11	65 100	1982
1983	24.0 AT 07:32 EST ON FEB 3 *	20.5 ON FEB 3	0.573 ON JUL 28	68 400	1983
1984	18.5 AT 17:13 EST ON APR 5	16.7 ON APR 6	0.976 ON SEP 23	69 100	1984
1985	19.8 AT 18:06 EST ON MAR 12	15.9 ON MAR 13	0.530 ON AUG 13 *	69 300	1985
1986	---	15.0B ON MAR 20	0.856 ON JUL 11	73 800	1986
1987	17.8 AT 07:04 EST ON APR 5	16.4 ON APR 5	0.607 ON AUG 26	64 400	1987
1988	---	26.1 ON MAR 24 *	0.533 ON JUL 10	48 800	1988
				65 600	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	0.282	0.388	0.285	---	1962
1963	0.226	0.190	1.32	0.395	0.573	0.322	0.302	0.243	0.288	0.197	0.281	0.284	0.365	1963
1964	0.306	0.233	0.858	0.585	0.311	0.207	0.208	0.319	0.208	0.230	0.243	0.357	0.325	1964
1965	0.257	1.14	0.774	1.52	0.315	0.185	0.191	0.190	0.187	0.253	0.316	0.388	0.471	1965
1966	0.302	0.326	0.858	0.323	0.324	0.285	0.174	0.152	0.174	0.182	0.250	0.335	0.316	1966
1967	0.301	0.278	0.880	0.676	0.305	0.361	0.512	0.262	0.271	0.378	0.481	0.817	0.472	1967
1968	0.292	0.633	2.48	0.514	0.380	0.284	0.212	0.222	0.244	0.254	0.513	0.588	0.586	1968
1969	0.604	0.398	1.85	1.18	0.651	0.227	0.238	0.234	0.213	0.318	0.363	0.284	0.528	1969
1970	0.301	0.234	0.856	1.14	0.310	0.226	0.247	0.185	0.182	0.230	0.303	0.288	0.383	1970
1971	0.240	0.283	0.805	1.37	0.270	0.223	0.257	0.222	0.228	0.188	0.213	0.258	0.383	1971
1972	0.288	0.178	0.351	2.87	0.319	0.318	0.248	0.230	0.303	0.274	0.327	0.378	0.478	1972
1973	0.586	0.606	1.99	0.856	0.615	0.308	0.247	0.288	0.234	0.308	0.409	0.303	0.560	1973
1974	0.528	0.445	1.70	0.889	0.642	0.283	0.215	0.213	0.225	0.276	0.324	0.261	0.493	1974
1975	0.308	1.08	1.33	1.15	0.384	0.232	0.213	0.190	0.182	0.185	0.232	0.236	0.488	1975
1976	0.244	0.884	1.65	0.585	0.478	0.282	0.335	0.261	0.260	0.321	0.284	0.231	0.486	1976
1977	0.185	0.283	1.41	0.467	0.250	0.232	0.219	0.279	0.337	0.540	0.438	0.488	0.428	1977
1978	0.447	0.233	0.883	2.43	0.773	0.338	0.244	0.282	0.330	0.429	0.538	0.523	0.621	1978
1979	0.412	0.291	2.30	0.980	0.538	0.277	0.247	0.262	0.255	0.469	0.582	0.711	0.610	1979
1980	0.438	0.218	1.18	1.06	0.374	0.309	0.685	0.270	0.280	0.345	0.350	0.454	0.488	1980
1981	0.251	1.82	0.484	0.493	0.425	0.290	0.483	0.255	0.310	0.437	0.574	0.338	0.503	1981
1982	0.384	0.307	2.42	1.15	0.322	0.439	0.248	0.284	0.306	0.320	0.585	1.00	0.645	1982
1983	0.504	0.894	0.818	0.735	0.573	0.287	0.241	0.239	0.239	0.284	0.367	0.408	0.436	1983
1984	0.217	1.40	1.39	0.818	0.454	0.288	0.270	0.247	0.286	0.287	0.356	0.407	0.524	1984
1985	0.313	1.13	1.70	1.00	0.334	0.324	0.281	0.262	0.287	0.277	0.816	0.423	0.580	1985
1986	0.347	0.271	1.85	0.483	0.428	0.274	0.259	0.893	1.34	0.781	0.459	0.514	0.652	1986
1987	0.380	0.304	1.48	1.18	0.295	0.285	0.271	0.243	0.256	0.290	0.366	0.481	0.485	1987
1988	0.373	0.348	0.988	0.485	0.282	0.227	0.207	0.219	0.251	0.287	0.328	0.259	0.365	1988
MEAN	0.353	0.558	1.28	0.971	0.412	0.280	0.289	0.261	0.289	0.318	0.387	0.409	0.483	MEAN

LOCATION - LAT 43 53 25 N DRAINAGE AREA, 62.2 km²
LONG 79 43 12 W NATURAL FLOW

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	9.00 AT 20:30 EST ON MAR 24	5.85 ON MAR 25	0.144 ON JUL 3	11 600	1963
1964	5.47 AT 09:20 EST ON MAR 5	3.43 ON MAR 5	0.080 ON JUL 7	10 300	1964
1965	30.5 B AT 17:30 EST ON FEB 10	12.6 B ON FEB 10	0.1220 ON JAN 20	14 900	1965
1966	5.85 AT 17:00 EST ON MAR 13	2.558 ON MAR 1	0.127 ON AUG 20	9 970	1966
1967	7.73 AT 14:00 EST ON JUL 11	4.16 ON APR 3	0.1700 ON JAN 1	14 900	1967
1968	11.6 AT 16:30 EST ON FEB 2	7.05 ON FEB 2	0.167 ON AUG 18	17 800	1968
1969	19.7 AT 00:19 EST ON MAR 21	8.88 ON MAR 21	0.1702 ON JUN 26	16 700	1969
1970	5.10 AT 23:07 EST ON APR 5	4.11 ON APR 9	0.156 ON AUG 11	11 100	1970
1971	7.14 AT 20:24 EST ON APR 2	6.23 ON APR 2	0.184 ON AUG 9	11 500	1971
1972	17.2 AT 22:42 EST ON APR 13	12.7 ON APR 13	0.1938 ON FEB 19	15 200	1972
1973	11.1 AT 15:11 EST ON MAR 11	5.01 ON MAR 11	0.1819 ON DEC 17	17 700	1973
1974	26.2 AT 03:00 EST ON MAR 8 *	15.9 ON MAR 8 *	0.1938 ON JAN 18	15 800	1974
1975	20.1 AT 20:23 EST ON FEB 24	12.4 ON FEB 24	0.195 ON AUG 26	14 800	1975
1976	17.5 AT 17:13 EST ON MAR 20	10.4 ON MAR 20	0.190 ON SEP 14	15 400	1976
1977	8.65 AT 20:26 EST ON MAR 4	4.98 ON MAR 5	0.1818 ON JAN 27	13 400	1977
1978	13.8 AT 19:04 EST ON APR 1	8.86 ON APR 1	0.1968 ON FEB 22	19 600	1978
1979	18.2 AT 20:36 EST ON MAR 4	7.91 ON MAR 5	0.096 ON FEB 27 *	19 200	1979
1980	16.6 AT 13:28 EST ON MAR 21	9.82 ON MAR 21	0.1938 ON FEB 3	15 400	1980
1981	16.9 AT 20:12 EST ON FEB 16	9.12 ON FEB 16	0.199 ON AUG 25	15 900	1981
1982	---	15.2 B ON MAR 31	0.215 ON JUL 24	20 300	1982
1983	5.89 AT 10:21 EST ON FEB 3	4.39 ON FEB 3	0.207 ON SEP 12	13 800	1983
1984	17.5 AT 08:02 EST ON FEB 14	11.6 ON FEB 14	0.1700 ON JAN 24	16 800	1984
1985	---	10.2 B ON FEB 24	0.217 ON AUG 4	16 200	1985
1986	19.4 AT 14:03 EST ON MAR 19	13.7 ON MAR 19	0.174 ON JUL 10	20 800	1986
1987	13.0 AT 19:42 EST ON MAR 8	8.56 ON APR 5	0.210 ON AUG 15	15 300	1987
1988	---	3.84 ON MAR 24	0.195 ON JUL 10	11 200	1988
				16 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	0.865	1.15	2.18	2.71	3.28	---	1965
1966	1.56	1.98	3.60	2.03	1.58	1.56	0.817	0.889	0.856	1.25	1.98	2.80	1.74	1966
1967	2.00	1.45	3.14	4.19	1.78	4.41	2.58	1.48	1.54	2.39	3.75	3.48	2.88	1967
1968	1.87	3.05	4.41	3.11	2.08	1.37	1.10	1.13	1.28	1.32	2.19	2.80	2.14	1968
1969	2.06	1.51	3.43	5.81	4.21	1.71	1.00	0.875	1.07	1.69	2.42	1.61	2.30	1969
1970	1.84	1.35	2.22	6.88	1.93	1.24	2.17	1.22	1.87	2.43	2.29	1.97	2.27	1970
1971	1.30	1.88	2.65	7.09	1.87	1.41	1.29	1.22	1.18	1.25	1.41	2.05	2.03	1971
1972	1.54	1.45	1.78	6.45	2.86	1.45	1.32	1.14	0.854	1.41	2.08	2.28	2.21	1972
1973	2.50	1.54	6.80	3.06	2.17	1.50	1.03	1.20	1.02	1.43	3.24	1.87	2.29	1973
1974	2.12	1.34	3.77	6.32	3.26	1.52	1.84	1.32	1.28	1.75	2.54	1.84	2.31	1974
1975	2.04	2.02	2.78	6.45	2.05	1.25	1.12	1.25	1.48	1.27	1.40	1.85	2.08	1975
1976	1.40	2.35	6.56	2.83	2.01	1.28	1.68	1.83	2.75	2.31	2.52	1.85	2.43	1976
1977	1.37	1.41	5.20	2.84	1.38	1.22	1.15	1.37	1.79	2.47	3.17	2.41	2.22	1977
1978	1.87	1.40	1.82	6.39	2.72	1.53	1.10	1.12	1.37	1.70	1.81	1.52	2.03	1978
1979	1.63	1.47	6.80	4.47	2.36	1.30	1.24	1.24	1.15	2.29	2.89	4.10	2.57	1979
1980	1.81	1.13	5.06	4.76	1.90	2.38	1.76	1.80	1.89	3.07	2.68	2.89	2.60	1980
1981	1.37	6.83	2.92	2.73	2.74	2.10	1.33	1.70	2.17	2.84	2.99	1.98	2.54	1981
1982	1.56	1.27	1.82	8.00	1.87	2.11	1.17	1.42	1.44	1.81	2.85	4.27	2.44	1982
1983	2.62	2.66	3.60	3.71	2.85	1.60	1.12	1.14	1.28	1.63	2.39	1.87	2.21	1983
1984	1.47	3.57	3.43	3.61	2.23	1.29	1.26	1.10	1.43	1.41	2.13	3.25	2.17	1984
1985	1.71	3.28	5.63	5.40	1.88	1.38	1.30	1.76	3.20	2.75	3.58	2.15	2.84	1985
1986	1.84	1.38	5.54	3.25	1.80	1.52	1.69	1.41	3.56	3.20	3.38	2.36	2.61	1986
1987	1.54	1.02	5.51	3.89	1.65	1.33	1.24	1.01	1.10	1.51	3.13	2.72	2.07	1987
1988	2.04	2.73	4.05	3.69	1.74	0.989	0.908	1.04	1.29	1.59	3.47	1.69	2.03	1988
MEAN	1.78	2.05	4.06	4.69	2.23	1.63	1.36	1.28	1.58	1.95	2.50	2.45	2.29	MEAN

LOCATION - LAT 44 42 25 N DRAINAGE AREA, 177 km²
LONG 79 38 37 W NATURAL FLOW

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	28.4 AT 19:30 EST ON DEC 7	17.8 ON DEC 7	0.874 ON JUL 15 *	54 800	1966
1967	30.6 AT 19:45 EST ON JUN 22	16.0 ON APR 1	0.908B ON JAN 22	84 600	1967
1968	30.9 AT 07:00 EST ON APR 1	19.5 ON APR 1	0.885 ON AUG 16	67 600	1968
1969	37.4 AT 08:09 EST ON MAY 10	23.4 ON MAY 10	0.750 ON AUG 13	72 500	1969
1970	30.9 AT 00:30 EST ON APR 15	18.7 ON APR 14	1.01 ON AUG 27	71 700	1970
1971	23.4E AT 19:38 EST ON APR 13	21.6 E ON APR 13	0.860E ON AUG 21	63 900	1971
1972	41.6 AT 01:30 EST ON APR 19	28.2 ON APR 19	0.714E ON SEP 14	69 800	1972
1973	30.3 AT 01:48 EST ON MAR 8	21.2 ON MAR 12	0.810 ON JUL 24	72 300	1973
1974	30.6 AT 11:02 EST ON APR 4	26.2 ON APR 4	1.05 ON AUG 16	72 900	1974
1975	56.6 AT 17:15 EST ON APR 18 *	45.9 ON APR 18 *	0.885 ON JUL 18	85 400	1975
1976	34.3 AT 12:50 EST ON MAR 21	26.3 ON MAR 21	0.974 ON JUL 28	77 000	1976
1977	47.0B AT 20:58 EST ON MAR 13	28.3 B ON MAR 13	0.889 ON JUL 23	70 000	1977
1978	17.4 AT 22:06 EST ON APR 11	12.6 ON APR 12	0.948 ON JUL 12	64 200	1978
1979	26.0 AT 11:12 EST ON MAR 25	23.1 ON MAR 24	0.890 ON JUL 23	81 200	1979
1980	---	31.0 B ON MAR 21	0.995 ON JUL 19	82 100	1980
1981	30.9 AT 11:00 EST ON FEB 23	29.2 ON FEB 23	1.07 ON JUL 25	80 100	1981
1982	24.7E AT 06:00 EST ON APR 1	24.7 A ON APR 1	0.929 ON AUG 18	75 800	1982
1983	11.1 AT 17:36 EST ON JAN 11	8.80 ON JAN 11	0.904 ON SEP 12	69 700	1983
1984	26.2 AT 11:49 EST ON DEC 28	20.8 ON DEC 28	0.904 ON AUG 17	68 500	1984
1985	30.8 AT 05:59 EST ON SEP 6	25.6 ON SEP 6	0.963 ON AUG 5	89 500	1985
1986	22.0 AT 09:19 EST ON SEP 12	17.4 ON SEP 12	0.940B ON JAN 15	79 100	1986
1987	18.0 AT 18:19 EST ON MAR 26	16.6 ON MAR 26	0.853 ON AUG 21	65 200	1987
1988	---	14.6 ON MAR 26	0.740B ON JAN 14	64 200	1988
				72 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.278	1.01	6.53	8.38	1.46	0.186	1.36	0.184	0.133	0.682	3.81	2.66	2.21	1970
1971	1.26	1.19	2.84	12.6	1.69	0.243	0.060	0.004	0.034	0.278	0.774	3.40	2.02	1971
1972	1.23	0.922	2.87	14.9	2.82	3.03	0.894	1.27	0.344	3.84	5.85	4.72	3.53	1972
1973	4.58	3.30	7.80	6.17	2.08	0.823	0.119	0.080	0.110	0.547	2.53	3.52	2.84	1973
1974	4.71	2.58	5.38	8.10	2.81	0.448	0.083	0.015	0.002	0.059	1.02	2.79	2.33	1974
1975	3.25	1.92	8.36	5.95	1.20	1.53	0.055	0.002	0.451	0.670	1.47	4.85	2.48	1975
1976	1.28	4.74	13.4	4.82	3.28	0.861	0.630	0.242	0.210	0.883	1.15	1.07	2.70	1976
1977	0.889	0.857	13.0	4.20	1.44	0.092	0.003	0.184	0.885	3.16	4.19	4.20	2.74	1977
1978	4.02	2.31	4.85	13.4	1.85	0.226	0.003	0	0.130	0.225	1.98	2.34	2.81	1978
1979	2.20	1.88	10.8	8.75	2.47	0.617	0.044	0.001	2.02	2.80	3.60	4.39	3.12	1979
1980	1.60	0.536	7.48	7.60	3.03	0.351	0.184	0.480	0.374	1.91	2.69	5.08	2.82	1980
1981	0.695	11.4	3.21	2.30	1.58	1.57	0.486	0.511	6.21	2.74	3.21	1.10	2.84	1981
1982	1.62	0.515	6.65	8.60	1.55	3.11	0.504	0.178	0.257	0.748	3.55	4.60	2.85	1982
1983	2.39	3.16	3.24	5.73	4.58	0.498	0.039	0.038	0.021	0.368	4.63	6.02	2.85	1983
1984	0.949	6.82	3.41	8.30	2.65	0.546	0.108	0.811	0.382	0.098	0.905	2.69	2.28	1984
1985	1.43	4.20	8.74	4.78	0.778	0.439	0.119	0.026	0.478	0.834	3.94	1.43	2.23	1985
1986	3.09	1.17	7.61	3.29	1.87	1.81	0.364	0.773	3.64	4.77	3.20	5.14	3.05	1986
1987	1.64	0.614	6.42	6.60	0.713	0.311	0.068	0.005	0.113	0.887	4.08	7.24	2.40	1987
1988	1.59	1.89	6.27	4.38	0.960	0.126	0.006	0.006	0.006	0.428	2.37	0.775	1.56	1988
MEAN	2.03	2.69	6.78	7.20	2.03	0.875	0.287	0.258	0.820	1.35	2.87	3.58	2.56	MEAN

LOCATION - LAT 44 15 24 N DRAINAGE AREA, 155 km²
LONG 76 36 46 W NATURAL FLOW

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.6 AT 21:18 EST ON MAR 27	21.9 ON MAR 27	0.051 ON AUG 29	69 700	1970
1971	26.8 AT 18:18 EST ON APR 10	25.5 ON APR 10	0 ON AUG 6 *	62 600	1971
1972	32.3 AT 05:22 EST ON APR 14	30.9 ON APR 14	0.241 ON SEP 23	112 000	1972
1973	23.9 AT 13:30 EST ON APR 3	22.4 ON APR 3	0 ON AUG 31	83 200	1973
1974	36.8 AT 01:00 EST ON APR 5	29.7 ON APR 4	0.001 ON AUG 25	73 500	1974
1975	---	28.78 ON MAR 20	0 ON AUG 21	78 300	1975
1976	33.4 AT 00:01 EST ON MAR 26	31.18 ON MAR 22	0.089 ON AUG 27	85 400	1976
1977	---	38.4 ON MAR 14	0.001 ON JUL 18	86 500	1977
1978	---	28.68 ON APR 2	0 ON JUL 20	82 400	1978
1979	---	30.08 ON MAR 5	0.001 ON AUG 5	98 800	1979
1980	64.6 AT 05:19 EST ON MAR 22 *	57.5 ON MAR 22 *	0.015 ON JUL 27	82 800	1980
1981	---	51.08 ON FEB 20	0.122 ON AUG 3	89 800	1981
1982	33.2 AT 15:08 EST ON APR 1	30.8 ON APR 1	0.037 ON AUG 22	83 600	1982
1983	20.8 AT 16:32 EST ON DEC 15	20.7 ON DEC 15	0.005 ON JUL 27	80 300	1983
1984	---	33.98 ON FEB 15	0.012 ON AUG 6	72 100	1984
1985	---	29.08 ON FEB 26	0.007 ON AUG 22	70 400	1985
1986	---	32.98 ON MAR 20	0.245 ON AUG 6	86 200	1986
1987	35.3 AT 22:10 EST ON NOV 30	29.7 ON DEC 1	0.003 ON AUG 16	75 700	1987
1988	---	25.5 ON MAR 28	0.003 ON AUG 2	49 800	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		80 700	MEAN

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	2.90	1.35	---	1974
1975	1.80	1.32	1.17	5.28	3.76	1.06	0.318	0.113	0.514	0.761	1.67	4.74	1.88	1975
1976	0.820	0.822	4.98	5.44	2.21	0.828	1.02	0.300	0.466	0.522	0.806	0.935	1.89	1976
1977	0.437	0.448	4.58	5.86	0.839	0.355	0.152	0.324	0.908	1.86	2.46	1.50	1.65	1977
1978	0.862	0.537	0.475	4.74	3.34	0.827	0.198	0.423	0.834	1.79	1.43	1.37	1.40	1978
1979	0.780	0.564	3.82	7.34	2.71	1.12	0.438	0.846	0.321	1.78	2.37	1.19	1.92	1979
1980	1.02	0.430	1.83	7.72	1.63	2.19	1.24	0.985	1.43	2.82	2.17	1.08	2.05	1980
1981	0.844	2.63	2.54	5.31	2.56	2.00	0.874	0.440	1.78	2.59	1.26	1.27	2.05	1981
1982	0.719	0.803	0.947	6.78	1.66	0.818	0.281	0.136	0.961	1.92	2.38	4.24	1.79	1982
1983	1.38	0.548	3.02	2.87	4.76	1.47	0.252	0.187	0.485	0.860	2.40	1.55	1.87	1983
1984	0.894	1.73	1.58	5.02	2.34	3.05	2.03	0.368	0.788	1.25	3.63	1.93	2.11	1984
1985	1.24	0.812	1.76	6.74	2.17	0.832	1.51	0.782	0.438	1.27	2.18	1.45	1.93	1985
1986	0.725	0.535	2.26	6.81	2.18	1.46	0.604	0.407	0.533	1.52	1.16	0.969	1.80	1986
1987	0.808	0.400	2.17	4.34	0.875	0.741	0.260	0.328	0.303	0.704	1.21	1.73	1.13	1987
1988	0.697	1.15	1.33	6.81	1.99	0.220	0.088	0.256	0.240	2.04	2.78	1.29	1.57	1988
MEAN	0.895	0.902	2.32	6.15	2.36	1.21	0.641	0.407	0.713	1.57	2.05	1.77	1.75	MEAN

LOCATION - LAT 45 56 55 N DRAINAGE AREA, 106 km^2
LONG 79 38 34 W NATURAL FLOW

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	13.1 AT 07:00 EST ON APR 26	12.7 ON APR 26	0.059 ON AUG 19	58 100	1975
1976	---	17.6 B ON APR 1	0.170 ON AUG 31	53 400	1976
1977	15.1 AT 03:02 EST ON MAR 31	14.5 ON MAR 31	0.034 ON JUL 30	52 200	1977
1978	13.1 AT 06:38 EST ON APR 27	12.8 ON APR 27	0.071E ON AUG 15	44 200	1978
1979	13.2 AT 18:50 EST ON MAR 25	12.7 ON MAR 25	0.110 ON JUL 22	50 600	1979
1980	22.8 AT 01:25 EST ON APR 10	21.9 ON APR 10	0.305B ON MAR 8	54 600	1980
1981	15.7 AT 09:19 EST ON APR 5	15.2 ON APR 5	0.188 ON AUG 22	54 500	1981
1982	25.5 AT 01:23 EST ON APR 15 *	24.3 ON APR 15	0.081 ON AUG 17	58 400	1982
1983	15.7 AT 14:52 EST ON MAY 8	14.6 ON MAY 8	0.111 ON SEP 7	52 600	1983
1984	10.5 AT 21:46 EST ON APR 6	9.80 ON APR 17	0.174 ON AUG 22	46 800	1984
1985	---	25.6 A ON APR 23 *	0.233 ON SEP 22	61 100	1985
1986	---	16.1 E ON APR 2	0.159 ON AUG 29	50 300	1986
1987	13.6 AT 19:44 EST ON MAR 30	12.2 ON MAR 31	0.089 ON AUG 2	35 700	1987
1988	---	15.6 ON APR 5	0.030 ON AUG 3 *	49 800	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		55 100	MEAN

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	6.07	1.62	21.0	3.77	4.37	1.38	0.181	0.071	0.011	0.039	2.51	2.02	3.63	1973
1974	4.90	1.45	12.5	11.8	10.1	0.336	0.054	0.034	0.031	0.092	0.943	0.332	3.57	1974
1975	2.92	1.54	7.38	20.7	1.25	0.526	0.176	0.416	1.24	0.547	1.63	4.72	3.57	1975
1976	0.801	4.86	23.5	5.53	3.44	0.523	3.10	0.282	1.21	3.41	3.62	0.718	4.26	1976
1977	0.335	0.318	20.2	3.55	0.258	0.135	0.412	4.45	4.87	5.92	4.49	3.41	4.05	1977
1978	0.948	0.408	2.58	23.7	3.10	0.376	0.056	0.057	0.558	1.06	1.34	1.42	2.95	1978
1979	1.40	0.278	22.2	11.9	2.17	0.248	0.070	0.042	0.042	0.232	4.10	7.82	4.24	1979
1980	1.95	0.281	10.1	7.82	1.21	0.472	0.153	0.121	0.181	1.77	1.80	3.36	2.48	1980
1981	0.414	14.5	3.24	2.26	1.64	0.554	0.285	0.428	2.89	8.25	4.06	1.72	3.10	1981
1982	0.626	0.288	7.47	15.7	0.988	1.83	0.254	0.230	0.731	0.795	10.8	10.5	4.15	1982
1983	1.61	3.34	5.21	5.74	7.15	0.707	0.074	0.282	0.938	1.82	3.42	3.81	2.82	1983
1984	0.384	14.5	9.91	5.83	1.31	1.74	0.198	0.061	0.408	0.318	3.32	9.09	3.88	1984
1985	1.29	7.77	15.9	13.9	1.40	1.02	0.082	0.458	1.12	1.61	8.18	2.71	4.55	1985
1986	1.88	0.746	13.1	3.27	3.51	1.17	0.819	1.72	18.2	7.88	2.21	1.88	4.45	1986
1987	1.46	0.805	13.5	5.34	0.281	0.131	1.37	0.148	0.083	0.731	5.04	8.56	2.87	1987
1988	2.85	3.36	8.18	4.87	1.84	0.111	0.082	0.088	0.120	1.64	5.99	1.82	2.57	1988
MEAN	1.85	3.48	12.2	9.11	2.74	0.704	0.445	0.556	1.84	2.13	3.97	3.80	3.57	MEAN

LOCATION - LAT 43 46 58 N DRAINAGE AREA, 272 km²
LONG 80 38 20 W REGULATED SINCE 1982

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	128 AT 18:06 EST ON MAR 11	88.1 ON MAR 7	0.005 ON SEP 9	115 000	1973
1974	284 AT 00:13 EST ON MAY 17	122 ON MAY 17	0.013 ON AUG 22	112 000	1974
1975	388 AT 03:15 EST ON APR 18 *	238 ON APR 18 *	0.045 ON JUL 6	113 000	1975
1976	306 AT 03:59 EST ON MAR 21	188 ON MAR 21	0.089 ON AUG 27	135 000	1976
1977	286 AT 03:33 EST ON MAR 13	214 ON MAR 13	0.040 ON JUN 23	128 000	1977
1978	125 AT 20:46 EST ON APR 11	88.1 ON APR 11	0.031 ON SEP 6	93 100	1978
1979	176 AT 03:59 EST ON APR 14	153 ON APR 14	0.020 ON JUL 23	134 000	1979
1980	185 AT 14:33 EST ON MAR 21	112 ON MAR 21	0.038 ON AUG 27	77 600	1980
1981	131 AT 17:10 EST ON FEB 23	86.0 ON FEB 23	0.026 ON AUG 10	87 800	1981
1982	238 AT 20:40 EST ON MAR 31	110 B ON MAR 31	0.063 ON AUG 20	131 000	1982
1983	58.1 AT 05:12 EST ON MAY 20	35.3 ON MAY 20	0 ON JUN 26 *	69 100	1983
1984	140 AT 15:48 EST ON DEC 29	107 ON DEC 29	0.021 ON AUG 21	123 000	1984
1985	167 AT 18:44 EST ON APR 5	115 ON MAR 28	0 ON JUN 28	143 000	1985
1986	104 AT 00:02 EST ON SEP 12	79.6 ON SEP 11	0.056 ON JUL 13	141 000	1986
1987	74.4 AT 23:32 EST ON MAR 23	50.1 ON APR 5	0 ON JUN 16	80 600	1987
1988	---	50.5 ON MAR 25	0.035 ON JUL 12	81 300	1988
				113 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	0.584	1.89	0.334	0.396	0.188	0.435	6.30	8.90	---	1950
1951	8.60	5.03	16.4	17.4	0.489	0.488	0.686	0.088	0.111	2.31	8.10	3.13	5.13	1951
1952	8.87	1.81	8.82	13.3	0.589	0.085	0.080	0.185	0.100	0.068	0.888	3.78	3.13	1952
1953	2.82	3.14	11.1	2.98	6.10	2.14	0.780	0.133	0.118	0.117	0.181	0.880	2.56	1953
1954	0.481	12.4	12.1	13.0	0.727	0.184	0.063	0.082	0.188	8.57	1.83	2.39	4.34	1954
1955	2.78	0.787	10.4	13.5	1.88	0.354	0.053	0.029	0.072	0.802	5.21	1.88	3.10	1955
1956	0.886	0.401	4.15	28.9	8.45	0.714	2.73	3.28	1.34	0.743	0.920	3.82	4.75	1956
1957	2.26	3.83	5.96	7.26	1.83	5.76	1.77	0.071	0.786	1.86	6.88	8.70	3.87	1957
1958	0.876	0.204	5.14	2.84	0.381	0.078	0.083	0.086	0.112	0.104	0.445	0.426	0.881	1958
1959	0.271	0.213	5.89	30.3	5.33	0.262	0.234	1.84	2.02	3.85	9.15	3.85	5.23	1959
1960	1.96	2.80	2.08	28.5	10.4	1.90	0.108	0.038	0.024	0.072	0.388	0.147	4.08	1960
1961	0.135	3.89	8.26	5.63	2.87	0.988	0.150	0.119	0.141	0.078	0.455	1.82	2.03	1961
1962	0.298	0.283	10.8	8.65	0.438	0.143	0.058	0.087	0.088	0.268	3.77	2.68	2.31	1962
1963	0.636	0.313	16.8	4.26	3.40	0.232	0.035	0.070	0.045	0.058	0.183	0.138	2.21	1963
1964	2.21	1.37	10.4	8.15	0.744	0.187	0.048	1.45	0.142	0.121	0.238	5.03	2.51	1964
1965	2.17	7.43	3.58	20.0	3.88	0.127	0.057	0.048	0.122	3.61	8.75	12.4	5.15	1965
1966	1.89	4.06	11.0	5.70	2.80	1.86	0.027	0.051	0.097	0.107	2.10	7.20	3.08	1966
1967	5.88	1.35	10.6	12.1	1.10	8.55	4.99	1.23	1.23	8.21	9.80	11.4	6.24	1967
1968	0.848	7.48	17.6	3.07	1.09	0.316	0.136	0.880	1.71	4.12	9.13	4.73	4.28	1968
1969	3.02	3.36	10.1	19.1	5.28	0.584	0.148	0.082	0.033	0.111	1.55	0.699	3.65	1969
1970	0.886	1.27	1.27	23.5	2.02	0.358	0.410	0.082	0.180	0.721	3.72	5.70	3.38	1970
1971	1.47	1.06	4.43	30.0	1.02	0.493	0.068	0.074	0.093	0.064	0.207	2.32	3.41	1971
1972	2.59	0.884	3.76	31.4	2.47	1.30	0.353	0.085	0.052	1.10	3.26	3.90	4.22	1972
MEAN	2.16	2.88	8.73	15.1	2.75	1.15	0.577	0.488	0.388	1.84	3.68	4.21	3.61	MEAN

LOCATION - LAT 43 45 25 N DRAINAGE AREA, 324 km²
LONG 80 40 18 W NATURAL FLOW

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---		---	1950
1951	171 AT 18:00 EST ON MAR 30	119 ON MAR 30	0 ON AUG 24 *	---	1951
1952	149 AT 22:30 EST ON MAR 31	123 ON APR 1	0.057 ON AUG 6	162 000	1952
1953	80.3 AT 13:00 EST ON MAY 2	65.0 ON MAY 2	0.057 ON JUL 27	99 000	1953
1954	---	137 B ON FEB 16	0.028 ON JUL 19	80 700	1954
1955	---	86.58 ON MAR 11	0 ON AUG 3	137 000	1955
1956	202 AT 21:00 EST ON APR 4	157 ON APR 4 *	0.085 ON NOV 7	97 900	1956
1957	149 AT 14:45 EST ON JUN 28	105 ON JUN 29	0.057 ON AUG 4	150 000	1957
1958	---	25.3 ON MAR 27	0.026 ON JUL 14	122 000	1958
1959	175 AT 22:00 EST ON APR 5	118 ON APR 5	0.040 ON JUN 28	27 800	1959
1960	194 AT 18:00 EST ON APR 3	141 ON APR 3	0.003 ON SEP 10	185 000	1960
1961	46.7 AT 21:00 EST ON MAR 27	32.38 ON FEB 24	0.003 ON AUG 22	128 000	1961
1962	190 AT 22:00 EST ON MAR 29	122 ON MAR 30	0.006 ON AUG 31	84 200	1962
1963	169 AT 21:00 EST ON MAR 27	126 ON MAR 27	0.006 ON JUL 8	72 900	1963
1964	114 AT 02:00 EST ON APR 8	80.0 ON DEC 25	0.011 ON JUL 5	89 800	1964
1965	135 AT 17:00 EST ON APR 7	89.9 ON FEB 10	0.025 ON JUL 29	79 400	1965
1966	106 AT 09:40 EST ON DEC 7	81.0 ON DEC 7	0.008 ON JUL 24	182 000	1966
1967	214 AT 02:00 EST ON APR 3	98.5 ON OCT 18	0.082 ON SEP 19	96 800	1967
1968	174 AT 03:30 EST ON NOV 29	89.8 ON NOV 29	0.062 ON JUL 29	197 000	1968
1969	97.7 AT 03:00 EST ON APR 5	80.7 ON APR 5	0.015 ON SEP 19	135 000	1969
1970	133 AT 21:10 EST ON APR 14	87.8 ON APR 14	0.042 ON AUG 16	115 000	1970
1971	109 AT 10:00 EST ON APR 11	88.98 ON APR 8	0.037 ON OCT 5	107 000	1971
1972	222 AT 22:30 EST ON APR 16 *	123 ON APR 18	0.028 ON SEP 1	108 000	1972
				134 000	1972
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		114 000	MEAN

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	15.6	16.2	5.76	---	1959
1960	4.41	5.48	2.77	40.1	16.9	4.86	4.48	5.22	5.21	5.32	0.809	0.490	8.01	1960
1961	0.236	0.235	0.375	3.34	5.09	3.67	4.46	4.55	5.22	5.58	3.48	2.82	3.27	1961
1962	0.888	0.699	1.68	8.77	3.09	2.62	4.80	4.28	2.47	2.74	4.65	8.30	3.73	1962
1963	1.14	0.507	8.37	5.06	5.57	3.86	4.00	2.71	4.33	3.21	3.03	1.82	3.68	1963
1964	2.88	2.91	7.08	3.36	0.098	0.374	4.59	3.83	5.23	5.28	3.95	3.70	3.89	1964
1965	7.82	6.71	9.52	16.8	7.43	3.83	3.04	3.50	3.34	3.29	12.4	21.8	8.30	1965
1966	15.3	2.76	5.88	9.47	4.59	5.89	5.48	4.69	4.37	3.45	1.90	5.18	5.42	1966
1967	8.48	13.6	8.23	17.2	2.71	11.3	10.4	4.24	6.29	9.64	17.2	23.4	10.8	1967
1968	9.20	10.3	8.38	4.04	3.38	4.45	4.41	3.08	5.28	12.8	12.4	12.0	7.58	1968
1969	4.84	8.33	4.21	30.0	11.2	4.32	5.81	4.77	1.96	4.31	1.76	2.58	6.96	1969
1970	1.83	1.05	1.89	15.4	3.36	5.12	3.11	4.89	4.48	2.14	1.84	10.4	4.71	1970
1971	5.37	2.04	7.68	19.4	3.62	3.39	3.03	3.31	5.10	4.29	0.337	2.18	4.87	1971
1972	3.41	1.38	6.55	27.6	4.14	4.88	4.59	5.40	6.25	5.83	4.07	5.86	6.64	1972
1973	10.3	8.55	22.4	7.11	5.87	6.39	5.71	5.22	5.27	2.96	2.30	3.81	6.99	1973
1974	6.14	10.8	12.3	18.6	20.4	2.88	2.84	4.52	4.91	4.04	1.98	1.37	7.52	1974
1975	3.67	2.93	11.4	24.8	2.78	2.88	4.06	4.42	5.12	4.86	4.68	12.2	6.86	1975
1976	6.37	8.63	35.9	10.6	7.30	3.78	5.63	3.79	6.23	6.63	4.37	4.67	8.75	1976
1977	2.81	0.719	20.6	8.80	2.53	2.61	2.88	3.68	8.38	19.2	8.22	14.6	7.83	1977
1978	2.33	1.20	7.45	27.5	4.46	4.10	5.18	5.49	5.67	3.88	3.65	2.74	6.13	1978
1979	3.53	1.01	25.5	26.6	3.82	5.42	5.09	3.72	3.30	3.62	3.18	15.4	8.37	1979
1980	13.2	0.820	2.35	14.6	2.97	3.86	3.88	3.56	3.23	4.52	8.40	8.81	5.67	1980
1981	2.23	16.3	4.65	4.22	3.05	4.07	4.29	5.28	3.33	12.6	8.28	13.9	6.78	1981
1982	2.81	0.533	9.71	24.3	4.17	3.08	3.88	4.80	6.91	4.74	12.1	26.4	8.82	1982
1983	7.52	2.87	2.53	10.5	14.5	3.83	3.72	4.25	6.83	6.08	6.09	12.1	6.86	1983
1984	3.80	18.6	14.2	7.85	3.48	3.80	3.42	4.02	3.44	4.51	6.10	16.0	7.23	1984
1985	6.72	8.59	30.0	28.0	3.51	5.13	3.84	3.43	5.14	6.20	14.0	13.7	10.7	1985
1986	7.63	2.02	13.3	5.17	5.79	4.14	5.00	7.11	37.5	22.3	6.88	7.08	10.5	1986
1987	3.70	1.67	9.33	11.5	2.83	3.86	4.19	3.82	3.08	2.67	4.70	17.7	5.77	1987
1988	7.73	4.89	7.53	9.60	2.95	3.71	5.25	3.94	3.11	2.97	11.9	7.63	5.90	1988
MEAN	5.39	4.89	10.3	15.1	5.55	4.18	4.52	4.31	5.99	6.61	6.32	8.46	6.84	MEAN

LOCATION - LAT 43 39 17 N
LONG 80 42 06 W

DRAINAGE AREA, 570 km^2
REGULATED SINCE 1958

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	240 AT 23:45 EST ON APR 4	215 ON APR 5	0.3408 ON DEC 28	253 000	1960
1961	24.0 AT 06:00 EST ON MAY 10	23.5 ON MAY 10	0.2278 ON JAN 11	102 000	1961
1962	44.7 AT 18:00 EST ON APR 7	44.5 ON APR 7	0.076 ON JUN 17	118 000	1962
1963	108 AT 20:00 EST ON MAR 30	104 ON MAR 31	0.085 ON OCT 15	116 000	1963
1964	49.8 AT 11:00 EST ON APR 8	24.7 ON APR 8	0.057 ON JUN 10	117 000	1964
1965	181 AT 23:00 EST ON MAY 10	75.8 ON MAY 11	0.340 ON MAY 4	282 000	1965
1966	43.3 AT 18:15 EST ON JAN 12	32.8 ON JAN 13	0.051 ON NOV 7	171 000	1966
1967	195 AT 05:00 EST ON APR 3	136 ON APR 3	0.184 ON SEP 4	341 000	1967
1968	136 AT 11:45 EST ON DEC 2	84.8 ON DEC 2	0.269 ON SEP 29	239 000	1968
1969	208 AT 14:27 EST ON APR 18	130 ON APR 18	0.048B ON DEC 1 *	218 000	1969
1970	103 AT 08:43 EST ON APR 18	84.3 ON APR 18	0.108 ON OCT 23	149 000	1970
1971	77.0 AT 19:14 EST ON APR 13	71.6 ON APR 13	0.173 ON NOV 1	157 000	1971
1972	239 AT 02:08 EST ON APR 18	190 ON APR 18	1.01 B ON FEB 25	210 000	1972
1973	81.7 AT 23:45 EST ON MAR 11	76.5 ON MAR 12	1.37 ON NOV 16	221 000	1973
1974	447 AT 04:12 EST ON MAY 17 *	271 ON MAY 17 *	0.580B ON DEC 26	237 000	1974
1975	210 AT 20:48 EST ON APR 19	161 ON APR 20	0.783B ON JAN 1	219 000	1975
1976	169 AT 20:04 EST ON MAR 23	163 ON MAR 24	0.906B ON FEB 8	277 000	1976
1977	99.1 AT 15:35 EST ON MAR 14	98.0 ON MAR 15	0.614B ON FEB 22	230 000	1977
1978	158 AT 10:04 EST ON APR 13	145 ON APR 13	0.513 ON NOV 13	193 000	1978
1979	266 AT 07:12 EST ON APR 14	248 ON APR 14	0.600B ON FEB 22	284 000	1979
1980	53.7 AT 10:58 EST ON APR 15	43.1 ON APR 15	0.459B ON MAR 3	170 000	1980
1981	88.0 AT 15:40 EST ON FEB 23	58.8 ON FEB 24	0.480B ON FEB 7	214 000	1981
1982	101 AT 14:46 EST ON APR 17	81.5 ON APR 3	0.480B ON MAR 7	272 000	1982
1983	88.0 AT 18:10 EST ON MAY 20	49.5 ON MAY 21	0.385E ON NOV 1	211 000	1983
1984	89.9 AT 15:48 EST ON MAR 22	61.9 ON MAR 23	0.488B ON FEB 1	229 000	1984
1985	310 AT 21:13 EST ON APR 5	220 ON APR 6	2.90 ON MAY 1	337 000	1985
1986	105 AT 10:58 EST ON SEP 12	82.4 ON SEP 13	1.29 B ON MAR 10	332 000	1986
1987	108 AT 03:57 EST ON APR 6	86.5 ON APR 6	1.70 B ON FEB 25	182 000	1987
1988	---	64.0 ON APR 5	1.14 ON DEC 19	187 000	1988
				216 000	MEAN

B - ICE CONDITIONS
E - ESTIMATES
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.288	0.233	0.618	10.3	7.43	---	1913
1914	4.92	3.87	42.2	12.1	1.08	0.130	0.114	0.171	0.205	0.184	2.47	2.87	5.89	1914
1915	1.60	15.4	46.7	20.1	1.83	0.523	1.06	10.1	15.5	5.48	9.81	4.15	10.8	1915
1916	39.1	6.34	20.7	42.4	6.85	13.4	1.41	0.148	---	---	---	---	---	1916
MEAN	15.2	6.87	34.5	24.9	3.19	4.88	0.881	2.87	5.31	2.43	7.48	4.75	8.26	MEAN

LOCATION - LAT 43 32 28 N, LONG 80 33 12 W
DRAINAGE AREA, 790 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	210 ON MAR 27 *	0.057 ON DEC 20 *	186 000	1914
1915	---	124 ON SEP 13	0.142 ON JUL 2	335 000	1915
1916	---	101 ON MAR 29	---	---	1916
				261 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	19.6	9.74	6.99	---	1945
1946	---	---	43.6	1.97	2.12	1.19	0.824	0.387	0.375	0.588	1.19	---	---	1946
1947	---	---	---	96.0	32.7	16.8	5.65	1.09	0.810	0.853	1.25	9.39	---	1947
1948	1.83	6.94	81.6	12.4	5.14	0.979	0.653	0.376	0.191	0.441	3.92	1.79	9.79	1948
1949	12.3	16.6	38.1	7.14	1.12	0.289	0.485	0.188	0.325	1.01	0.788	23.6	8.51	1949
1950	23.8	6.60	27.8	36.7	2.25	2.88	1.50	1.48	1.13	1.50	9.52	19.8	11.2	1950
1951	16.4	11.6	39.6	37.1	2.88	2.04	3.15	0.749	1.30	4.43	17.6	7.41	11.9	1951
1952	16.8	5.69	23.1	31.0	2.90	1.07	0.788	0.807	0.790	0.536	1.66	8.41	7.81	1952
1953	7.02	7.39	29.7	8.85	20.8	8.16	2.28	0.986	0.913	0.837	0.831	2.19	7.53	1953
1954	1.73	33.3	31.8	26.4	2.75	0.813	0.285	0.259	0.517	35.7	4.83	6.22	11.9	1954
1955	6.90	1.98	27.5	31.4	4.67	1.22	0.255	0.292	0.383	1.03	13.1	4.52	7.77	1955
1956	2.00	1.24	15.8	61.8	28.6	2.11	7.27	10.4	4.00	1.77	2.19	10.3	12.3	1956
1957	5.83	9.33	16.4	16.5	4.91	8.19	5.16	0.594	1.89	2.75	12.5	22.6	9.10	1957
1958	2.05	1.36	9.48	2.85	1.92	3.85	4.08	2.47	1.72	---	---	---	---	1958
MEAN	6.71	9.20	32.1	28.5	6.87	3.89	2.51	1.54	1.08	5.47	6.08	10.3	9.78	MEAN

LOCATION - LAT 43 31 28 N, LONG 80 30 55 W
DRAINAGE AREA, 821 km^2
REGULATED

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	809 AT 01:00 EST ON MAR 20 *	586 E ON MAR 20	0.057 ON SEP 5 *	310 000	1948
1949	---	317 B ON DEC 22	0.085 ON JUN 10	268 000	1949
1950	---	382 ON APR 4	0.388 ON AUG 27	354 000	1950
1951	398 ON MAR 30	249 ON MAR 30	0.311 ON AUG 12	377 000	1951
1952	261 ON APR 2	227 ON APR 1	0.283 ON AUG 3	247 000	1952
1953	276 ON MAY 28	148 ON MAY 26	0.388 ON AUG 16	238 000	1953
1954	---	592 E ON OCT 16 *	0.113 ON JUL 25	376 000	1954
1955	---	123 ON APR 2	0.142 ON JUL 25	245 000	1955
1956	---	396 ON APR 4	0.388 ON AUG 22	389 000	1956
1957	275 ON DEC 21	203 ON DEC 21	0.255 ON AUG 18	287 000	1957
1958	---	37.4 ON MAR 29	0.566 ON SEP 3	---	1958
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		309 000	MEAN

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	1.35	0.513	0.222	0.334	1.11	1.70	1.10	0.437	---	1980
1981	0.217	2.71	2.03	3.06	0.887	0.631	0.680	0.311	2.36	1.68	0.633	0.423	1.27	1981
1982	0.187	0.324	1.05	5.76	0.797	0.456	0.178	0.083	0.677	1.59	1.52	2.46	1.27	1982
1983	0.358	0.034	1.67	3.66	2.83	0.701	0.145	0.355	0.521	1.65	0.804	0.523	1.11	1983
1984	0.404	1.75	1.62	2.34	2.07	2.13	0.830	0.308	0.726	1.27	2.05	2.00	1.51	1984
1985	0.382	0.407	1.89	7.70	0.782	0.282	0.388	0.531	0.510	0.839	1.77	0.492	1.32	1985
1986	0.385	0.323	2.76	3.78	0.803	0.484	0.524	0.394	0.648	1.10	0.785	0.358	1.01	1986
1987	0.220	0.280	3.61	1.45	0.894	0.332	0.223	0.068	0.230	0.411	0.481	1.01 R	0.755R	1987
1988	0.456	0.528	1.78	5.76	0.901	0.294	0.189	0.335	0.583	2.45	2.93	0.826	1.40	1988
MEAN	0.324	0.781	2.05	4.19	1.19	0.545	0.358	0.304	0.841	1.41	1.44	0.928R	1.21 R	MEAN

LOCATION - LAT 46 28 28 N, LONG 80 49 18 W. DRAINAGE AREA, 59.0 km^2. NATURAL FLOW.

R - REVISED SINCE JAN 01 1987

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	17.0 B ON FEB 24	0.180E ON AUG 28	40 000	1981
1982	---	15.0 B ON APR 13	0.034 ON AUG 17	40 100	1982
1983	21.8 AT 00:54 EST ON APR 15	14.8 ON APR 15	0.020E ON JAN 28	35 000	1983
1984	12.7 AT 15:15 EST ON NOV 1	8.59 ON NOV 2	0.150E ON MAR 11	47 700	1984
1985	30.0 AT 01:02 EST ON APR 22	22.3 ON APR 22	0.115E ON JUL 2	41 800	1985
1986	33.8B AT 21:55 EST ON MAR 30 *	25.5 ON MAR 31 *	0.214 ON SEP 2	31 800	1986
1987	---	16.8 B ON MAR 26	0.018E ON SEP 7 *	23 800R	1987
1988	---	25.3 ON APR 4	0.105E ON AUG 1	44 200	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		38 100R	MEAN

CONISTON CREEK NEAR CONISTON - STATION NO. 02DB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	5.29	0.927	0.534	0.184	0.132	0.751	0.742	1.63	0.288	---	1942
1943	0.155	0.207	0.618	6.47	1.31	2.73	0.690	0.736	2.79	0.442	1.36	0.255	1.48	1943
1944	0.185	0.158	0.397	4.36	1.19	1.10	0.229	0.193	1.27	1.32	0.804	0.281	0.950	1944
1945	0.105	0.196	3.94	1.72	3.16	0.731	0.263	0.458	1.52	1.72	2.02	0.311	1.36	1945
1946	0.850	0.142	4.78	0.692	1.24	0.329	0.135	0.415	0.214	0.382	1.25	1.14	0.973	1946
1947	0.170	0.227	1.23	5.51	1.52	2.26	0.402	1.16	2.07	0.388	0.581	0.248	1.38	1947
1948	0.170	0.113	3.68	3.46	0.576	0.354	0.235	0.234	0.148	0.473	2.57	0.898	1.05	1948
1949	0.491	0.318	2.23	2.63	0.831	0.641	0.218	0.338	0.189	0.287	0.342	0.548	0.786	1949
1950	2.03	0.340	2.89	4.10	1.03	0.482	---	---	---	---	---	---	---	1950
1951	---	---	---	8.88	0.487	0.481	0.703	0.301	---	---	---	---	---	1951
MEAN	0.520	0.213	2.48	4.42	1.24	0.983	0.331	0.441	1.12	0.719	1.32	0.472	1.14	MEAN

LOCATION - LAT 46 28 46 N, LONG 80 49 10 W. DRAINAGE AREA, 84.8 km^2. NATURAL FLOW.

REMARKS - FORMERLY PUBLISHED AS "BURNT CREEK NEAR CONISTON"

CONISTON CREEK NEAR CONISTON - STATION NO. 02DB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	21.5 ON APR 2	---	---	1942
1943	---	19.8 ON APR 2	0.113E ON DEC 28	48 800	1943
1944	---	13.2 ON APR 12	0.113E ON JAN 1	30 100	1944
1945	---	28.4 ON MAY 28 *	0.057E ON JAN 26 *	42 800	1945
1946	---	20.4 ON MAR 15	0.085 ON JUL 27	30 700	1946
1947	---	23.1 ON JUN 15	0.170B ON JAN 1	43 800	1947
1948	---	18.0 ON MAR 25	0.113B ON FEB 1	33 200	1948
1949	---	15.3 ON MAR 29	0.085E ON JUL 20	24 200	1949
1950	---	28.3 ON MAR 28	0.227B ON MAR 1	---	1950
1951	---	---	---	---	1951
				35 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.224	0.513	5.78	3.71	1.25	0.126	0.143	0.032	0.006	0.021	1.86	1.57	1.26	1970
1971	0.511	0.544	4.08	11.2	1.10	0.149	0.006	0	0	0.001	0.002	0.214	1.47	1971
1972	0.580	0.486	2.15	7.88	1.22	0.535	0.184	0.121	0.017	0.782	2.83	2.76	1.64	1972
1973	2.58	2.14	6.36	3.37	1.37	0.316	0.017	0.001	0.001	0.007	0.136	0.670	1.41	1973
1974	3.23	1.08	2.89	5.27	2.62	0.362	0.030	0.003	0.002	0.004	0.088	1.08	1.40	1974
1975	2.61	2.35	5.67	3.19	0.788	0.293	0.004	0	0.005	0.008	0.080	1.20	1.34	1975
1976	0.612	4.71	7.84	2.89	1.83	0.301	0.188	0.055	0.022	0.129	0.278	0.328	1.58	1976
1977	0.206	0.201	8.34	2.36	0.515	0.014	0.002	0.002	0.033	0.531	2.26	3.34	1.50	1977
1978	3.23	1.28	3.12	10.8	0.848	0.088	0.008	0.003	0.004	0.011	0.095	0.718	1.68	1978
1979	1.85	1.35	8.58	3.78	1.11	0.045	0.005	0.002	0.009	0.095	1.88	3.26	1.81	1979
1980	0.887	0.128	8.08	3.27	1.25	0.271	0.871	0.155	0.040	0.337	1.09	1.80	1.35	1980
1981	0.309	8.44	1.46	1.13	0.886	0.224	0.121	0.075	2.58	0.988	1.33	0.841	1.48	1981
1982	0.818	0.372	7.40	4.78	0.811	1.48	0.416	0.066	0.036	0.304	2.02	2.81	1.72	1982
1983	1.01	1.05	2.79	3.35	2.86	0.423	0.005	0.001	0.001	0.011	0.863	2.24	1.23	1983
1984	0.389	3.87	2.46	8.27	1.57	0.352	0.022	0.012	0.006	0.005	0.014	0.188	1.24	1984
1985	0.186	1.03	5.86	2.28	0.269	0.041	0.008	0.004	0.005	0.008	1.78	0.818	1.04	1985
1986	1.85	0.848	5.68	1.80	1.33	0.408	0.031	0.111	1.87	3.28	1.76	4.86	2.03	1986
1987	1.21	0.608	5.20	5.08	0.413	0.034	0.005	0	0.001	0.006	0.178	2.83	1.30	1987
1988	0.474	0.780	4.88	2.85	0.482	0.040	0.005	0.001	0.002	0.018	0.100	0.085	0.788	1988
MEAN	1.18	1.85	5.12	4.47	1.18	0.288	0.097	0.034	0.244	0.344	0.983	1.85	1.43	MEAN

LOCATION - LAT 44 01 40 N
LONG 77 23 00 W
DRAINAGE AREA, 114 km^2
REGULATED SINCE 1989

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 20:11 EST ON MAR 27	21.4 ON MAR 27	0.001 ON AUG 28	39 700	1970
1971	27.8 AT 18:52 EST ON APR 7	25.1 ON APR 8	0 ON JUL 12 *	45 400	1971
1972	27.5 AT 18:18 EST ON APR 3	24.4 ON APR 3	0.008 ON SEP 21	51 800	1972
1973	21.0 AT 00:18 EST ON MAR 18	18.3 ON MAR 18	0 ON AUG 13	44 600	1973
1974	25.1 AT 18:08 EST ON JAN 27	20.4 ON APR 4	0.001 ON AUG 22	43 900	1974
1975	21.4 AT 14:08 EST ON MAR 21	19.4 ON MAR 20	0 ON JUL 11	42 200	1975
1976	19.7 AT 16:48 EST ON MAR 21	17.0 ON MAR 22	0.004 ON SEP 7	49 400	1976
1977	39.1 AT 08:50 EST ON MAR 13	35.7 ON MAR 13	0 ON JUL 26	47 200	1977
1978	36.58 AT 17:25 EST ON APR 2	31.1 B ON APR 2	0.001 ON AUG 20	53 000	1978
1979	23.5 AT 08:17 EST ON MAR 8	20.7 ON MAR 8	0.001 ON JUL 18	57 200	1979
1980	---	49.6 E ON MAR 22 *	0.004 ON AUG 24	42 700	1980
1981	43.8 AT 03:21 EST ON FEB 21 *	41.5 ON FEB 21	0.004 ON AUG 6	45 700	1981
1982	36.1 AT 05:34 EST ON MAR 23	31.8 ON MAR 23	0.004 ON AUG 21	54 800	1982
1983	---	8.208 ON DEC 15	0 ON JUL 25	36 700	1983
1984	35.78 AT 18:30 EST ON FEB 18	24.0 B ON FEB 18	0.004 ON OCT 2	39 300	1984
1985	18.4 AT 22:52 EST ON MAR 13	17.9 ON MAR 14	0 ON AUG 13	32 800	1985
1986	31.9 AT 15:56 EST ON MAR 20	26.5 ON MAR 20	0.008 ON AUG 4	53 800	1986
1987	21.4 AT 19:40 EST ON MAR 8	18.0 ON MAR 9	0 ON AUG 5	41 000	1987
1988	---	16.5 ON MAR 27	0 ON AUG 4	25 100	1988
				45 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COPELAND CREEK NEAR PENETANGUISHENE - STATION NO. 02ED019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.030	0.034	0.044	0.114	0.157	0.103	---	1988
MEAN	---	---	---	---	---	---	0.030	0.034	0.044	0.114	0.157	0.103	---	MEAN

LOCATION - LAT 44 45 48 N
LONG 79 57 10 W
DRAINAGE AREA, 26.9 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	1.32	1.43	0.625	0.353	0.400	0.398	0.511	0.684	0.881	---	1983
1984	0.414	1.05	0.970	1.55	0.778	0.550	0.466	0.385	0.512	0.489	0.700	0.834	0.730	1984
1985	0.648	1.07	1.78	2.20	0.720	0.615	0.443	0.558	0.617	0.851	0.984	0.869	0.925	1985
1986	0.557	0.510	1.42	0.985	0.702	0.502	0.819	0.731	1.34	1.12	0.745	1.03	0.873	1986
1987	0.738	0.612	1.18	1.41	0.592	0.480	0.560	0.418	0.417	0.582	0.656	0.672	0.706	1987
1988	0.552	0.718	1.02	0.982	0.805	0.301	0.252	0.272	0.418	0.478	0.700	0.558	0.588	1988
MEAN	0.581	0.782	1.27	1.40	0.805	0.509	0.482	0.458	0.650	0.617	0.742	0.824	0.780	MEAN

LOCATION - LAT 43 51 14 N
LONG 80 05 02 W
DRAINAGE AREA, 59.5 km²
REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	3.58 AT 20:47 EST ON MAY 2	---	0.170 ON SEP 15	---	1983
1984	3.17 AT 13:18 EST ON APR 5	2.93 ON APR 5	0.298 ON AUG 17	23 100	1984
1985	8.66 AT 21:35 EST ON MAR 28 *	8.60 ON APR 8 *	0.251 ON JUL 29	29 200	1985
1986	3.79 AT 22:10 EST ON JUL 18	3.708 ON MAR 20	0.247 ON JUN 3	27 500	1986
1987	5.08 AT 08:27 EST ON APR 6	4.69 ON APR 6	0.357 ON AUG 25	22 300	1987
1988	---	4.45 ON MAR 28	0.146 ON JUL 15 *	17 900	1988
				24 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	3.29	3.23	5.89	8.21	---	1982
1983	5.36	8.51	8.71	8.26	8.12	4.09	2.84	3.01	2.75	3.46	4.25	4.21	5.02	1983
1984	2.81	8.26	7.71	11.0	5.70	3.72	2.66	2.35	3.04	2.79	4.10	4.82	4.83	1984
1985	3.42	8.64	11.7	15.2	5.38	4.27	3.06	3.35	4.33	3.88	6.84	5.32	6.23	1985
1986	4.24	3.80	8.65	8.13	4.88	4.27	4.28	4.24	10.1	8.16	5.32	5.15	5.75	1986
1987	4.30	4.18	8.30	10.1	4.12	2.89	3.36	2.40	2.58	3.24	3.68	4.63	4.48	1987
1988	3.88	4.77	7.28	8.08	3.98	2.21	1.84	1.91	2.98	2.87	3.84	3.03	3.71	1988
MEAN	4.02	5.86	8.38	9.48	5.53	3.59	3.01	2.88	4.15	3.92	4.80	5.07	5.02	MEAN

LOCATION - LAT 43 48 26 N
LONG 79 55 39 W
DRAINAGE AREA, 402 km²
REGULATED

REMARKS - GAUGE OPERATIONAL AUG 27 1982

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	26.3 AT 09:25 EST ON MAY 3	24.6 ON MAY 3	1.85 ON SEP 15	158 000	1983
1984	30.7 AT 03:14 EST ON APR 6	27.2 ON APR 6	1.82 ON AUG 16	158 000	1984
1985	50.9 AT 21:00 EST ON FEB 25 *	46.5 ON APR 8 *	1.85 ON JUL 30	196 000	1985
1986	35.1 AT 14:16 EST ON SEP 11	32.7 ON SEP 11	2.06 ON JUL 10	181 000	1986
1987	44.2 AT 10:08 EST ON APR 6	40.2 ON APR 6	1.84 ON AUG 26	141 000	1987
1988	---	26.6 ON MAR 26	1.44 ON JUL 6 *	117 000	1988
				158 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	8.33	7.27	4.51	---	1945
1946	---	---	30.3	8.46	3.37	3.95	2.10	1.88	1.38	1.02	1.83	2.52	---	1946
1947	---	---	---	35.4	9.26	33.8	12.4	2.79	1.73	1.36	0.410	0.531	---	1947
1948	---	---	47.3	8.05	3.46	3.00	3.88	2.13	2.04	2.92	4.49	4.26	---	1948
1949	6.37	12.9	13.1	7.01	3.18	1.94	1.92	1.11	1.64	2.91	2.65	9.43	5.30	1949
1950	10.5	8.29	19.5	31.3	8.88	11.1	2.45	2.44	1.88	2.38	3.02	7.70	9.18	1950
1951	8.31	12.6	18.0	21.5	5.75	3.89	3.53	2.40	2.30	3.01	8.29	3.87	7.81	1951
1952	14.7	11.5	22.4	26.9	7.37	3.21	3.84	2.94	2.78	3.95	4.43	4.44	8.84	1952
1953	8.85	8.28	11.9	8.55	9.98	5.35	3.98	3.13	2.88	2.90	2.87	3.43	5.55	1953
1954	4.53	19.5	24.1	18.5	6.34	3.86	2.19	2.18	2.50	18.5	5.75	10.6	9.69	1954
1955	8.17	8.78	22.6	20.9	5.07	2.84	1.81	2.82	2.04	3.52	7.85	5.37	7.59	1955
1956	8.13	6.45	21.2	31.4	23.1	7.46	7.88	7.07	6.21	3.88	4.24	8.49	11.0	1956
1957	8.88	13.4	16.0	14.3	7.67	6.09	3.84	2.12	3.19	3.53	4.73	7.19	7.44	1957
1958	3.36	3.95	12.3	7.89	2.93	2.17	2.18	1.72	3.22	3.43	3.27	1.97	3.98	1958
1959	2.40	4.43	19.9	21.8	5.91	2.52	2.28	1.94	1.83	2.98	3.80	4.39	8.18	1959
1960	3.42	3.61	8.83	31.1	25.5	7.87	5.30	4.10	2.81	3.08	4.54	3.08	8.57	1960
1961	1.37	12.0	12.5	14.5	7.68	5.23	2.87	2.94	2.89	3.22	3.28	3.75	5.90	1961
1962	2.88	3.19	18.6	9.08	3.78	2.83	2.20	1.85	1.82	4.90	12.2	4.80	5.57	1962
1963	2.70	2.31	16.2	7.95	6.80	2.51	2.32	2.73	2.06	1.84	2.77	2.08	4.36	1963
1964	4.54	3.33	15.2	11.5	5.87	3.03	3.04	3.87	2.37	2.44	2.86	4.80	5.25	1964
1965	7.13	17.2	11.1	28.6	8.98	2.74	2.88	2.15	2.41	5.07	8.73	9.24	8.43	1965
1966	8.83	28.1	18.4	9.09	7.23	5.15	1.87	1.95	2.20	2.30	4.47	8.67	7.89	1966
1967	7.74	4.84	15.5	21.1	8.94	10.8	8.87	4.89	3.82	8.47	7.58	11.9	9.22	1967
1968	5.30	8.78	26.6	9.88	7.83	5.24	3.88	7.07	8.43	5.44	11.4	8.88	8.89	1968
1969	8.32	7.03	21.8	26.9	12.7	6.12	5.15	4.80	2.90	3.74	8.70	4.59	9.24	1969
1970	4.14	4.85	10.7	23.3	7.44	3.80	4.20	3.18	4.09	4.58	7.07	8.58	7.15	1970
1971	5.62	6.89	13.0	22.4	6.19	4.82	4.75	3.79	2.69	3.10	3.80	7.18	8.82	1971
1972	8.29	4.78	12.8	40.1	8.05	6.21	5.27	3.83	3.05	5.27	7.43	8.02	9.38	1972
1973	11.5	10.1	33.9	15.6	10.2	5.70	3.33	3.94	3.03	4.70	8.58	8.48	10.0	1973
1974	14.8	9.24	22.2	17.0	26.0	8.53	4.33	3.57	3.90	4.30	5.68	4.18	10.5	1974
1975	6.18	14.3	15.7	25.0	10.0	4.49	2.85	2.90	2.95	3.53	4.31	5.33	8.21	1975
1976	2.81	16.6	36.6	16.9	13.3	5.47	5.48	3.97	5.17	5.21	4.17	2.72	9.85	1976
1977	2.81	3.92	27.5	12.3	4.40	3.02	3.23	3.73	8.07	12.8	10.5	14.8	9.10	1977
1978	7.02	5.87	15.1	32.2	12.7	5.35	2.89	3.38	8.72	4.76	5.33	5.17	8.79	1978
1979	5.75	4.09	30.2	25.8	13.2	8.14	3.92	3.92	3.56	4.38	7.38	13.2	10.2	1979
1980	4.98	2.87	12.9	18.5	7.70	5.79	8.09	3.92	4.14	4.80	4.35	5.48	6.80	1980
1981	3.28	20.8	6.84	6.59	6.36	4.17	5.47	5.02	7.42	8.34	9.21	5.19	7.28	1981
1982	3.84	3.47	22.5	28.4	8.49	12.5	5.43	5.44	6.30	5.56	11.6	14.6	10.0	1982
1983	8.48	12.0	14.0	18.1	17.4	7.01	5.16	6.20	5.21	5.94	8.04	8.88	9.88	1983
1984	---	---	22.3	11.6	8.78	8.46	8.71	10.4	32.3	14.7	11.1	17.3	---	1984
1985	9.88	7.80	20.9	27.0	6.19	4.86	5.70	3.53	3.80	4.49	5.99	8.41	8.98	1985
1986	8.81	10.3	15.2	11.8	6.81	3.05	2.70	2.88	3.59	3.74	8.58	4.88	6.45	1986
MEAN	6.40	9.17	19.3	19.0	8.89	5.85	4.11	3.57	4.19	4.79	5.81	6.77	7.89	MEAN

LOCATION - LAT 43 32 34 N DRAINAGE AREA, 785 km²
LONG 79 39 26 W REGULATED

REMARKS - NO DATA AVAILABLE FOR 1984 AND 1985

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	132 ON MAR 9	0.085 ON SEP 10 *	---	1946
1947	---	148 ON JUN 3	0.113 ON OCT 28	---	1947
1948	---	231 ON MAR 18	0.198 ON SEP 3	---	1948
1949	---	83.4 ON MAR 23	0.388 ON AUG 8	187 000	1949
1950	---	214 ON APR 5	0.738 ON SEP 22	289 000	1950
1951	---	107 ON MAR 30	1.76 ON SEP 28	240 000	1951
1952	---	84.7 ON APR 6	1.87 ON JUL 7	280 000	1952
1953	---	39.4 ON FEB 21	1.95 B ON DEC 18	175 000	1953
1954	---	317 ON OCT 18	1.73 ON JUL 15	305 000	1954
1955	---	103 ON APR 15	1.27 ON JUL 31	240 000	1955
1956	---	120 ON APR 5	2.97 ON NOV 19	347 000	1956
1957	---	90.68 ON FEB 26	0.736 ON JUL 28	234 000	1957
1958	---	28.38 ON MAR 3	0.834 ON AUG 30	125 000	1958
1959	---	87.5 ON APR 2	0.906 ON SEP 8	195 000	1959
1960	---	183 ON MAY 9	2.07 ON SEP 11	271 000	1960
1961	---	46.2 ON APR 16	1.02 B ON FEB 1	186 000	1961
1962	---	149 ON NOV 10	1.22 ON JUL 21	176 000	1962
1963	---	84.7 ON MAR 27	1.34 ON JUL 7	138 000	1963
1964	157 B AT 09:00 EST ON MAR 5	85.18 ON MAR 4	1.51 ON JUL 26	186 000	1964
1965	146 AT 05:00 EST ON FEB 11	111 ON FEB 11	1.58 ON AUG 24	286 000	1965
1966	---	113 B ON FEB 12	1.39 ON JUL 24	249 000	1966
1967	114 AT 11:30 EST ON APR 3	94.9 ON APR 3	2.81 ON SEP 17	291 000	1967
1968	87.2 AT 01:30 EST ON MAR 21	75.0 ON NOV 29	2.74 ON AUG 18	261 000	1968
1969	102 E AT 21:17 EST ON APR 18	70.2 ON MAR 21	2.83 ON SEP 14	291 000	1969
1970	---	59.2E ON APR 8	2.41 ON AUG 18	225 000	1970
1971	72.5 AT 08:06 EST ON APR 2	62.0 ON APR 2	2.04 E ON OCT 3	218 000	1971
1972	---	106 E ON APR 13	2.40 ON SEP 2	297 000	1972
1973	153 AT 21:33 EST ON MAR 11	84.7 ON MAR 12	2.35 ON SEP 8	316 000	1973
1974	501 AT 06:36 EST ON MAY 17 *	337 ON MAY 17 *	3.03 ON AUG 22	331 000	1974
1975	255 AT 01:45 EST ON FEB 25	162 ON APR 19	1.99 ON JUL 7	269 000	1975
1976	193 AT 20:26 EST ON MAR 20	169 ON MAR 21	2.38 B ON JAN 23	311 000	1976
1977	204 AT 11:34 EST ON MAR 13	148 ON MAR 13	2.19 ON JUL 28	287 000	1977
1978	129 AT 22:36 EST ON APR 1	78.2 ON APR 7	2.32 ON JUL 20	277 000	1978
1979	128 AT 14:40 EST ON DEC 25	114 ON DEC 25	2.31 B ON DEC 18	321 000	1979
1980	149 AT 20:16 EST ON MAR 21	93.3 ON MAR 22	2.30 B ON MAR 3	215 000	1980
1981	---	80.0B ON FEB 19	2.80 B ON JAN 3	230 000	1981
1982	180 AT 11:57 EST ON JUN 29	116 ON APR 1	2.30 B ON FEB 14	342 000	1982
1983	88.0 AT 01:36 EST ON MAY 3	80.0B ON FEB 3	4.20 B ON DEC 21	304 000	1983
1984	219 AT 20:11 EST ON SEP 28	---	---	---	1984
1985	154 AT 02:32 EST ON JUL 20	98.2 ON APR 8	2.00 ON SEP 7	283 000	1985
1986	---	81.1 ON MAR 28	1.36 ON JUL 8	204 000	1986
				252 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.886	0.744	0.375	0.265	0.301	0.258	0.307	0.438	0.400	---	1983
1984	0.361	0.874	0.749	0.880	0.553	0.414	0.311	0.283	0.383	0.415	0.451	0.487	0.492	1984
1985	0.334	0.702	1.08	1.30	0.553	0.440	0.352	0.443	0.503	0.470	0.727	0.580	0.620	1985
1986	0.438	0.382	0.788	0.588	0.498	0.432	0.302	0.571	1.18	0.888	0.881	0.891	0.628	1986
1987	0.468	0.385	0.794	0.834	0.470	0.401	0.387	0.323	0.388	0.428	0.488	0.520	0.488	1987
1988	0.479	0.589	0.755	0.834	0.484	0.398	0.274	0.272	0.383	0.374	0.488	0.390	0.447	1988
MEAN	0.420	0.548	0.826	0.817	0.546	0.393	0.384	0.381	0.511	0.478	0.521	0.496	0.534	MEAN

LOCATION - LAT 43 48 20 N DRAINAGE AREA, 32.3 km^2
LONG 80 06 35 W REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	2.39 AT 22:12 EST ON MAY 3	---	0.170E ON SEP 15 *	---	1983
1984	2.44 AT 10:28 EST ON MAR 17	2.23 ON MAR 17	0.208E ON AUG 16	15 800	1984
1985	---	4.20B ON FEB 24	0.200B ON FEB 7	15 500	1985
1986	5.23 AT 04:22 EST ON SEP 11 *	4.32 ON SEP 11 *	0.248 ON JUL 10	19 700	1986
1987	2.36 AT 17:06 EST ON APR 5	2.07 ON APR 5	0.272 ON AUG 1	15 400	1987
1988	---	3.00 ON MAR 24	0.224 ON AUG 22	14 100	1988
				15 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OSWEGO CREEK AT CANBORO - STATION NO. 02HA024

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	0.707	0.883	1.51	1.89	1.34	1.88	1.48	---	1915
1988	---	---	---	---	---	---	---	---	---	0.252	1.12	0.317	---	1988
1916	4.16	3.71	4.40	7.83	2.17	1.96	0.882	0.838	0.840	0.908	0.879	1.34	2.42	1916
MEAN	---	---	---	---	---	---	---	---	---	0.252	1.12	0.317	---	MEAN
1917	1.60	1.55	5.75	3.20	1.38	1.08	2.08	0.810	0.709	0.941	0.832	0.812	1.75	1917
1918	2.72	8.17	12.7	2.33	1.17	0.762	0.572	0.573	0.888	0.815	0.831	1.28	2.70	1918
	LOCATION - LAT 42 58 27 N			DRAINAGE AREA, 80.7 km²										
1919	3.24	0.584	5.74	2.19	2.32	1.15	0.811	0.579	0.550	0.835	1.13	1.07	1.78	1919
	LONG 79 40 42 W			NATURAL FLOW										
1920	0.395	0.537	7.08	2.18	1.54	1.53	1.05	0.778	0.608	0.934	1.24	1.33	1.81	1920
1921	1.07	1.04	5.09	2.57	1.31	1.05	1.17	0.815	0.730	1.12	1.12	1.78	1.58	1921
1922	1.07	0.858	3.86	5.45	1.38	1.04	0.891	0.723	0.743	0.762	0.830	0.836	1.57	1922
REMARKS - STATION ACTIVATED SEP 1988														
1923	0.821	0.395	1.81	7.37	2.43	1.13	0.815	1.04	0.806	0.582	0.712	1.27	1.58	1923
1924	0.838	0.425	1.83	5.33	4.13	1.16	1.08	1.01	0.812	0.850	0.768	0.908	1.56	1924
1925	0.842	1.71	8.21	1.49	0.834	0.859	0.575	0.542	0.873	0.902	1.84	0.901	1.40	1925
1926	1.27	1.13	2.47	12.0	1.78	1.12	0.701	1.28	1.00	1.19	2.19	1.47	2.29	1926
1927	0.880	0.891	5.47	2.03	1.81	1.84	1.12	0.728	0.887	0.786	1.16	1.33	1.84	1927
1928	1.10	0.885	4.50	4.00	1.40	1.17	2.05	1.12	0.784	1.25	1.84	1.55	1.78	1928
1929	1.53	1.04	7.88	7.46	2.07	0.832	0.848	0.807	0.480	0.852	1.08	0.788	2.12	1929
1930	3.17	8.43	2.27	5.71	1.83	1.08	0.781	0.495	0.485	0.813	0.872	0.783	2.01	1930
1931	0.851	0.588	0.808	2.78	0.988	0.817	1.18	0.755	0.711	0.815	1.38	1.90	1.12	1931
1932	4.05	5.15	3.91	5.48	1.88	1.11	1.09	1.31	1.23	2.30	2.07	2.85	1832	1932
1933	2.24	2.12	2.66	5.76	2.44	1.09	0.753	0.886	0.883	0.800	1.10	1.42	1.80	1933
1934	2.72	0.708	5.82	8.24	1.09	0.808	0.588	0.557	0.878	0.849	1.03	0.883	1.78	1934
1935	1.87	0.785	3.73	1.18	1.18	1.57	1.05	0.856	0.715	0.872	1.53	1.13	1.38	1835
1936	0.708	0.851	5.00	3.40	1.53	1.34	0.778	0.738	1.06	1.33	1.46	1.95	1.87	1936
1937	8.04	4.80	1.21	4.08	2.08	0.881	0.770	0.897	0.802	1.06	1.28	0.880	1.94	1937
1938	0.783	3.43	4.14	1.72	1.88	0.828	0.780	0.783	0.784	0.775	0.842	0.821	1.45	1938
1939	1.22	0.834	2.30	8.84	1.75	1.21	0.935	0.785	0.824	1.01	1.09	0.884	1.83	1939
1940	0.851	0.340	0.227	4.49	1.89	2.13	0.782	0.728	1.15	1.08	1.41	1.90	1.40	1940
1941	1.47	1.13	1.30	4.15	0.998	0.886	0.676	0.707	0.824	1.02	1.20	0.988	1.29	1941
1942	1.15	0.850	5.03	2.88	2.05	1.85	0.817	0.885	1.51	1.48	2.15	1.39	1.89	1942
1943	1.47	2.55	5.41	5.52	4.84	1.88	1.15	0.988	1.04	1.08	1.23	0.852	2.32	1943
1944	0.738	0.850	3.05	5.73	1.73	1.23	0.858	0.483	0.878	0.709	0.784	0.834	1.44	1944
1945	0.708	0.538	3.30	1.97	2.65	1.50	0.882	0.553	0.773	1.15	1.06	0.878	1.34	1945
1946	2.28	1.73	5.29	1.03	1.01	0.734	0.483	0.482	0.480	0.834	0.827	0.878	1.32	1946
1947	0.934	0.850	1.58	7.38	3.66	3.40	1.35	1.19	1.06	0.887	1.14	1.43	2.07	1947
1948	1.10	1.13	6.43	2.68	1.49	0.812	0.780	0.525	0.585	0.683	1.32	0.787	1.53	1948
1949	1.93	1.93	4.70	2.03	0.984	0.588	0.588	0.378	0.728	1.06	0.837	2.48	1.52	1949
1950	3.02	1.66	4.06	5.26	1.26	0.987	0.751	0.856	0.748	0.784	0.871	1.22	2.10	1950
1951	1.93	2.94	3.26	5.20	1.22	1.00	0.815	0.580	0.643	0.985	2.55	1.06	1.84	1951
1952	1.33	1.25	2.82	4.36	1.09	0.742	0.612	0.619	0.624	0.898	1.47	1.38	1.42	1952
1953	1.89	1.67	3.73	1.84	2.38	1.87	1.57	1.06	1.08	1.15	1.18	1.28	1.89	1953
1954	2.04	2.98	6.00	5.06	1.83	1.51	0.918	1.09	1.38	4.78	1.87	1.77	2.82	1954
1955	3.09	1.87	4.85	5.80	1.83	1.57	0.988	1.26	1.12	2.12	2.58	1.81	2.38	1955
1956	1.78	1.17	2.00	8.49	4.54	1.78	2.22	2.17	1.85	1.40	1.43	1.88	2.82	1956
1957	1.57	2.82	2.82	2.87	1.83	1.48	1.06	0.808	0.981	0.982	1.26	1.50	1.61	1957
1958	0.874	0.813	1.58	1.75	0.897	0.826	0.597	0.509	0.790	0.730	0.783	0.883	0.898	1958
1959	0.700	0.584	1.45	8.32	2.08	0.912	0.765	0.888	0.908	1.34	1.88	1.34	1.75	1959
1960	1.22	1.18	1.18	7.07	4.49	1.85	1.34	1.10	0.900	1.08	1.43	0.943	1.98	1960
1961	0.816	2.47	2.89	2.81	1.80	1.26	0.788	0.740	0.812	0.726	0.946	0.988	1.36	1961
1962	0.670	0.680	2.11	2.46	0.908	0.892	0.678	0.647	0.588	1.04	1.78	1.21	1.11	1962
1963	0.700	0.688	3.10	1.80	1.46	0.881	0.537	0.771	0.651	0.574	0.917	0.815	1.03	1963
1964	0.902	0.859	2.01	2.46	1.32	0.778	0.867	1.08	0.584	0.737	0.878	1.18	1.12	1964
1965	1.22	3.41	1.82	5.33	1.87	0.783	0.684	0.734	0.782	1.36	1.44	1.88	1.80	1965
1966	1.31	1.83	2.95	1.95	1.89	1.38	0.859	0.860	0.847	0.918	1.35	1.42	1.44	1966
1967	1.37	1.26	2.06	3.66	1.43	1.83	1.65	1.40	1.08	1.83	1.83	2.65	1.85	1967
1968	1.53	2.42	5.46	2.69	2.18	1.53	1.20	1.83	1.84	1.60	2.19	2.24	2.23	1968
1969	1.66	1.94	3.75	9.72	2.10	2.16	1.70	1.35	0.900	1.21	1.70	1.17	2.29	1969
1970	0.992	1.02	1.10	3.58	1.68	1.07	1.19	0.986	1.40	1.44	1.82	1.83	1.47	1970
1971	1.32	1.40	1.84	4.80	1.52	1.36	1.38	1.37	1.08	1.03	1.24	1.78	1.83	1971
1972	1.32	1.04	1.16	5.76	1.87	1.85	1.14	1.00	1.01	1.48	1.47	1.53	1.79	1972
1973	1.78	1.66	4.82	3.80	2.40	1.58	0.987	1.36	0.945	1.21	1.85	1.48	1.97	1973
1974	1.67	1.57	4.41	4.32	3.32	1.58	0.950	0.899	1.08	1.14	1.49	1.15	1.98	1974
1975	1.18	1.47	2.10	4.68	1.95	1.28	1.01	1.11	1.24	1.08	1.18	1.31	1.83	1975
1976	1.06	1.48	5.71	3.28	2.53	1.43	1.48	1.23	1.38	1.57	1.34	1.04	1.97	1976
1977	0.802	0.936	4.03	2.26	1.04	0.841	0.863	1.10	1.61	2.27	1.83	2.13	1.68	1977
1978	1.86	1.62	1.80	8.31	3.10	1.43	0.998	1.24	1.88	1.62	1.58	1.53	2.06	1978
1979	1.56	1.27	4.55	5.02	2.64	1.66	1.32	1.23	1.13	1.46	1.80	1.87	2.16	1979
1980	1.91	1.13	3.45	3.33	1.80	1.47	1.68	1.20	1.28	1.43	1.32	1.60	1.79	1980
1981	0.985	3.22	1.74	1.66	1.29	1.08	1.23	1.10	1.44	1.56	1.91	1.85	1.58	1881
1982	1.23	1.13	2.20	8.46	1.59	1.89	1.18	1.38	1.45	1.38	2.34	3.37	2.14	1882
1983	2.07	2.48	2.70	3.17	3.64	1.78	1.24	1.32	1.24	1.42	1.80	1.89	2.04	1883
1984	1.23	2.66	2.80	4.46	2.26	1.58	1.26	1.10	1.26	1.16	1.76	1.69	1.98	1884
1985	1.51	2.48	4.65	5.64	2.13	1.71	1.28	1.80	2.12	1.71	2.73	2.26	2.66	1985
1986	1.92	1.83	3.67	2.58	1.86	1.66	1.56	1.54	3.04	2.74	1.88	1.85	2.19	1986
1987	1.76	1.67	3.07	4.32	1.71	1.24	1.38	0.992	1.26	1.56	1.69	2.11	1.67	1987
1988	1.66	1.69	2.67	2.28	1.52	0.897	1.00	0.773	0.940	1.08	1.60	1.44	1.49	1988
MEAN	1.56	1.74	3.60	4.34	1.86	1.28	1.03	0.834	0.998	1.16	1.43	1.41	1.78	MEAN

LOCATION - LAT 43 50 08 N DRAINAGE AREA, 205 km²
LONG 80 01 21 W REGULATED

REMARKS - NUMEROUS STATION LOCATION CHANGES

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.7 ON MAR 30	0.283 ON MAR 14	78 800	1916
1917	---	30.0 ON MAR 28	0.170 ON DEC 5 *	85 100	1917
1918	---	35.7 ON MAR 21	0.396 ON AUG 3	85 200	1918
1919	---	66.8 ON MAR 18 *	0.255 ON FEB 14	85 700	1919
1920	---	35.1 ON MAR 17	0.3408 ON JAN 23	50 900	1920
1921	---	23.7 ON MAR 6	0.566 ON JUN 28	48 700	1921
1922	---	21.7 ON APR 5	0.426 ON AUG 20	49 500	1922
1923	---	32.8 ON APR 8	0.3988 ON FEB 1	49 900	1923
1924	---	26.6 ON APR 8	0.3968 ON MAR 1	49 400	1924
1925	---	47.9 ON MAR 19	0.340 ON JUL 19	44 100	1925
1926	---	31.7 ON APR 14	0.538 ON JUL 4	72 200	1926
1927	---	34.0 ON MAR 14	0.425 ON AUG 21	61 800	1927
1928	---	21.7 ON MAR 26	0.453 ON SEP 9	58 400	1928
1929	---	43.6 ON APR 6	0.386 ON SEP 4	65 700	1929
1930	---	15.9 ON APR 7	0.368 ON SEP 5	53 300	1930
1931	---	7.93 ON APR 10	0.481 ON AUG 20	35 200	1931
1932	---	17.7 ON APR 6	0.736 ON SEP 3	80 600	1932
1933	---	20.7 ON APR 1	0.481 ON AUG 8	58 900	1933
1934	---	18.7 ON APR 2	0.453 ON JUL 27	54 600	1934
1935	---	18.4 ON MAR 17	0.453 ON SEP 12	42 800	1935
1936	---	22.4 ON MAR 27	0.538 ON AUG 13	52 700	1936
1937	---	12.0 ON APR 8	0.368 ON AUG 2	61 300	1937
1938	---	13.4 ON MAR 31	0.283 ON AUG 29	45 800	1938
1939	---	20.0 ON APR 19	0.538 ON AUG 7	51 500	1939
1940	---	16.4 ON APR 8	0.2278 ON MAR 1	44 100	1940
1941	---	13.1 ON APR 6	0.538 ON JUN 12	40 800	1941
1942	---	33.7 ON MAR 17	0.510 ON JUL 8	59 800	1942
1943	---	19.4 ON APR 1	0.510 ON AUG 1	73 100	1943
1944	---	19.4 ON APR 10	0.311 ON AUG 14	45 800	1944
1945	---	11.2 ON MAR 18	0.510 ON JUN 28	42 100	1945
1946	---	23.2 ON MAR 7	0.311 ON JUL 14	41 800	1946
1947	---	24.1 ON APR 12	0.510 ON AUG 8	65 100	1947
1948	---	33.7 ON MAR 21	0.311 ON SEP 1	48 400	1948
1949	---	18.1 ON MAR 28	0.311 ON AUG 7	47 900	1949
1950	---	56.6 E ON APR 4	0.386 ON AUG 14	58 200	1950
1951	---	27.0 ON MAR 31	0.368 ON JUL 20	57 900	1951
1952	---	14.0 ON APR 1	0.510 ON JUL 10	44 900	1952
1953	---	11.2 ON MAR 4	0.680 ON AUG 30	53 400	1953
1954	---	28.2 E ON MAR 1	0.680 ON JUL 13	62 800	1954
1955	---	16.2 ON MAR 11	0.736 ON JUL 20	74 900	1955
1956	---	41.8 ON APR 5	0.680 ON MAR 4	62 900	1956
1957	---	20.0 ON FEB 26	0.566 ON AUG 2	50 900	1957
1958	---	3.45 ON MAR 28	0.340 ON AUG 14	26 400	1958
1959	---	18.8 ON APR 5	0.481 ON JUL 12	59 200	1959
1960	---	14.0 ON MAY 9	0.782 ON SEP 1	52 500	1960
1961	---	14.4 ON FEB 24	0.623 ON OCT 27	43 800	1961
1962	---	14.2 ON MAR 30	0.425 ON JUL 10	35 100	1962
1963	---	18.8 ON MAR 28	0.340 ON JUL 2	32 800	1963
1964	---	8.48 ON APR 7	0.398 ON JUL 21	35 500	1964
1965	---	21.4 ON APR 12	0.487 ON AUG 25	58 900	1965
1966	---	8.04 ON FEB 11	0.436 ON JUL 19	45 300	1966
1967	18.2 AT 11:45 EST ON APR 3	15.9 ON APR 3	0.714 ON SEP 18	58 300	1967
1968	17.4 AT 22:45 EST ON MAR 20	14.5 ON MAR 21	0.826 ON AUG 18	70 600	1968
1969	18.1 AT 19:50 EST ON APR 18	15.4 ON APR 5	0.815 ON SEP 15	72 400	1969
1970	8.82 AT 20:47 EST ON APR 9	7.53 ON APR 21	0.894 ON AUG 18	46 600	1970
1971	14.6 AT 06:56 EST ON APR 13	14.1 ON APR 13	0.714 ON OCT 20	51 200	1971
1972	28.9 AT 01:21 EST ON APR 19	24.5 ON APR 18	0.897 ON JUL 30	58 600	1972
1973	15.8 AT 11:24 EST ON MAR 12	14.4 ON MAR 12	0.780 ON JUL 15	62 300	1973
1974	27.1 AT 10:20 EST ON MAR 7	24.5 ON MAR 7	0.886 ON AUG 18	61 900	1974
1975	35.4 AT 13:54 EST ON APR 19 *	28.5 ON APR 19	0.894 ON JUL 7	61 300	1975
1976	30.9 AT 07:19 EST ON MAR 21	26.9 ON MAR 21	0.731 ON AUG 28	62 200	1976
1977	22.1 AT 20:51 EST ON MAR 13	17.7 ON MAR 13	0.597 ON JUL 28	62 200	1977
1978	17.5 AT 02:34 EST ON APR 12	15.2 ON APR 12	0.807 ON JUL 19	64 900	1978
1979	23.0 AT 20:22 EST ON APR 14	17.5 ON APR 14	0.880 ON SEP 28	67 700	1979
1980	28.8 AT 19:48 EST ON MAR 21	22.1 ON MAR 21	0.874 ON MAR 2	68 700	1980
1981	11.5 AT 19:48 EST ON FEB 19	9.87 ON FEB 20	0.693 ON JUL 25	48 100	1981
1982	32.5 AT 00:18 EST ON APR 1	25.4 ON APR 1	0.818 ON SEP 10	67 500	1982
1983	10.5 AT 09:15 EST ON MAY 3	10.0 ON MAY 3	0.802 ON SEP 15	54 400	1983
1984	12.8 AT 00:32 EST ON APR 8	10.8 ON APR 8	0.890 ON AUG 18	52 100	1984
1985	27.1 AT 03:48 EST ON MAR 29	22.2 ON MAR 29	0.788 ON JUL 30	80 800	1985
1986	13.8 AT 18:32 EST ON MAR 19	10.8 ON MAR 20	0.872 ON JUL 10	69 200	1986
1987	22.8 AT 08:40 EST ON APR 6	20.2 ON APR 6	0.786 ON AUG 28	59 100	1987
1988	---	11.5 ON MAR 28	0.527 ON AUG 22	47 200	1988
				58 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	0.580	0.584	0.782	---	1967
1968	0.468	0.833	1.67	0.784	0.895	0.426	0.420	0.888	0.597	0.831	0.618	0.742	0.713	1968
1969	0.848	0.676	1.08	1.73	0.958	0.684	0.721	0.857	0.288	0.431	0.537	0.238	0.702	1969
1970	0.228	0.244	0.260	0.898	0.598	0.358	0.451	0.480	0.424	0.455	0.488	0.473	0.453	1970
1971	0.451	0.448	0.490	1.14	0.328	0.352	0.542	0.382	0.198	0.188	0.407	0.628	0.480	1971
1972	0.310	0.205	0.258	1.45	0.472	0.438	0.253	0.288	0.373	0.441	0.441	0.548	0.453	1972
1973	0.708	0.588	1.31	1.12	0.787	0.436	0.302	0.528	0.358	0.424	0.628	0.545	0.643	1973
1974	0.823	0.585	1.08	1.30	0.888	0.414	0.282	0.288	0.348	0.403	0.485	0.430	0.590	1974
1975	0.428	0.480	0.634	1.19	0.618	0.334	0.335	0.388	0.444	0.388	0.385	0.442	0.502	1975
1976	0.333	0.578	1.48	0.838	0.748	0.418	0.498	0.425	0.488	0.508	0.470	0.380	0.606	1976
1977	0.311	0.348	1.14	0.892	0.288	0.238	0.257	0.410	0.538	0.782	0.845	0.788	0.538	1977
1978	0.822	0.705	0.872	1.58	0.873	0.437	0.321	0.508	0.882	0.857	0.808	0.894	0.718	1978
1979	0.744	0.597	1.30	1.41	0.849	0.588	0.486	0.489	0.453	0.630	0.878	0.841	0.781	1979
1980	0.708	0.475	0.775	1.02	0.547	0.522	0.647	0.441	0.473	0.522	0.500	0.581	0.598	1980
1981	0.483	1.01	0.570	0.478	0.343	0.284	0.330	0.382	0.508	0.487	0.773	0.893	0.623	1981
1982	0.418	0.343	0.735	1.73	0.519	0.881	0.398	0.505	0.594	0.488	0.908	1.37	0.723	1982
1983	0.881	0.850	0.838	0.837	1.04	0.418	0.338	0.363	0.338	0.398	0.501	0.498	0.590	1983
1984	0.338	0.878	0.854	1.19	0.584	0.348	0.407	0.438	0.342	0.284	0.618	0.543	0.654	1984
1985	0.382	0.718	1.31	1.81	0.809	0.424	0.306	0.373	0.658	0.408	0.851	0.889	0.878	1985
1986	0.597	0.425	1.01	0.831	0.412	0.415	0.328	0.488	1.18	0.874	0.817	0.541	0.832	1986
1987	0.513	0.433	0.841	1.05	0.389	0.313	0.358	0.284	0.508	0.523	0.411	0.528	0.508	1987
1988	0.508	0.524	0.778	0.530	0.388	0.302	0.188	0.238	0.322	0.311	0.581	0.578	0.427	1988
MEAN	0.508	0.563	0.917	1.12	0.812	0.418	0.387	0.420	0.478	0.469	0.573	0.597	0.588	MEAN

LOCATION - LAT 43 53 29 N LONG 80 03 47 W
DRAINAGE AREA, 82.2 km²
REGULATED

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	5.85 AT 19:30 EST ON MAR 18	4.47 ON MAR 18	0.150 ON NOV 3	22 500	1968
1969	8.71 AT 07:34 EST ON JUL 22	4.67 ON APR 14	0.184 ON SEP 27	22 100	1969
1970	3.96 AT 19:06 EST ON APR 9	3.06 ON APR 9	0.085 ON AUG 26	14 300	1970
1971	3.37 AT 23:16 EST ON APR 9	2.76 ON APR 13	0.116 ON OCT 6	14 500	1971
1972	17.6 AT 20:46 EST ON APR 14 *	5.18 ON APR 14	0.116 ON AUG 18	14 300	1972
1973	5.92 AT 13:51 EST ON APR 2	4.50 ON APR 2	0.193 ON JUL 9	20 200	1973
1974	5.80 AT 08:56 EST ON APR 4	5.44 ON APR 4	0.150 ON JUN 8	18 600	1974
1975	8.89 AT 03:28 EST ON APR 18	7.38 ON APR 18 *	0.048 ON JUL 8 *	15 800	1975
1976	7.87 AT 03:44 EST ON MAR 21	5.89 ON MAR 21	0.198 ON JUN 18	19 100	1976
1977	7.18 AT 09:13 EST ON MAR 13	5.61 ON MAR 13	0.178 ON JUL 6	17 000	1977
1978	4.84 AT 19:35 EST ON APR 11	3.48 ON APR 11	0.198 ON MAY 3	22 800	1978
1979	5.59 AT 18:00 EST ON APR 14	5.13 ON APR 14	0.3088 ON DEC 18	23 700	1979
1980	8.25 AT 15:19 EST ON MAR 21	5.80 ON MAR 21	0.2008 ON MAR 3	18 300	1980
1981	4.27 AT 01:04 EST ON FEB 19	3.54 ON FEB 19	0.170 ON JUL 14	16 500	1981
1982	8.33 AT 19:14 EST ON MAR 31	5.70 ON MAR 31	0.2878 ON MAR 9	22 800	1982
1983	4.33 AT 01:52 EST ON MAY 3	3.32 ON MAY 3	0.239 ON JUN 26	18 800	1983
1984	4.07 AT 12:30 EST ON FEB 14	3.28 ON FEB 14	0.182 ON OCT 15	17 500	1984
1985	8.85 AT 20:38 EST ON MAR 28	5.01 ON MAR 28	0.174 ON JUL 30	21 300	1985
1986	4.82 AT 18:47 EST ON MAR 19	3.33 ON MAR 19	0.080 ON JUL 23	18 800	1986
1987	5.02 AT 23:38 EST ON APR 5	3.81 ON APR 6	0.138 ON JUN 27	16 000	1987
1988	---	3.06 ON MAR 24	0.118 ON JUL 8	13 500	1988
				18 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.398	0.625	0.380	---	1960
1961	0.271	1.80	3.04	2.96	1.38	0.782	0.484	0.800	0.493	0.489	0.558	0.742	1.14	1961
1962	1.17	0.826	2.52	1.68	0.824	0.387	0.358	0.287	0.307	---	---	---	---	1962
1963	0.814	0.515	3.15	0.987	1.12	0.647	0.376	0.377	0.373	0.295	0.388	0.382	0.784	1963
1964	0.463	0.344	1.69	1.81	1.18	0.489	0.612	0.443	0.278	0.282	0.328	0.581	0.881	1964
1965	0.814	2.75	1.48	5.08	1.19	0.445	0.467	0.388	0.331	0.710	1.08	1.35	1.33	1965
1966	1.08	1.28	3.48	1.89	1.14	0.880	0.312	0.303	0.240	0.273	0.802	1.35	0.939	1966
1967	1.03	0.708	1.84	2.57	1.18	1.48	1.33	0.858	0.524	1.08	1.09	1.85	1.24	1967
1968	0.767	2.05	4.13	1.78	1.24	0.836	0.564	1.17	0.915	0.825	1.81	1.45	1.44	1968
1969	1.24	1.37	2.84	3.76	1.77	0.708	0.783	0.851	0.328	0.464	0.823	0.848	1.28	1969
1970	0.470	0.810	1.30	3.26	1.25	0.825	0.858	0.488	0.587	0.713	1.15	1.47	1.05	1970
1971	0.878	1.07	1.93	4.27	1.04	1.11	0.858	0.854	0.588	0.483	0.848	1.41	1.25	1971
1972	0.884	0.879	1.32	5.18	1.83	1.18	0.882	0.488	0.431	0.827	1.30	1.41	1.42	1972
1973	1.78	1.57	5.41	2.82	1.93	1.05	0.618	0.504	0.456	0.815	1.18	0.976	1.55	1973
1974	1.78	1.31	2.81	2.98	2.44	1.37	0.828	0.442	0.411	0.442	0.795	0.802	1.42	1974
1975	0.978	1.91	3.13	3.84	1.78	0.893	0.829	0.858	0.869	0.817	0.887	1.09	1.38	1975
1976	0.781	2.80	5.22	3.17	2.35	0.858	1.05	0.888	1.18	0.848	0.768	0.552	1.70	1976
1977	0.417	0.580	3.88	2.25	0.713	0.858	0.800	0.704	1.44	1.83	1.87	2.08	1.42	1977
1978	1.20	1.02	2.09	4.88	2.31	0.813	0.442	0.442	0.898	0.678	0.780	0.815	1.37	1978
1979	0.823	0.593	5.89	5.22	3.05	1.14	0.809	0.835	0.593	0.810	1.21	1.89	1.85	1979
1980	1.23	0.540	2.29	3.40	1.52	1.01	0.872	0.505	0.502	0.876	0.577	0.868	1.17	1980
1981	0.436	2.91	1.23	1.17	0.828	0.527	0.852	0.801	1.10	1.56	1.48	0.881	1.10	1981
1982	0.849	0.827	3.58	5.29	1.05	2.06	0.840	0.882	0.773	0.739	1.85	2.82	1.75	1982
1983	1.54	1.85	2.12	3.03	2.84	1.19	0.886	0.886	0.800	0.772	1.19	1.30	1.48	1983
1984	0.885	3.33	2.81	3.83	1.80	1.24	0.853	0.898	0.795	0.817	1.16	1.39	1.66	1984
1985	1.06	2.51	5.82	4.76	1.42	0.887	0.808	0.988	1.05	0.805	3.10	1.69	2.08	1985
1986	1.33	0.989	3.27	1.88	1.41	1.03	1.48	1.57	4.81	3.23	1.72	1.89	2.05	1986
1987	1.22	1.14	3.17	3.43	1.03	0.891	0.725	0.388	0.544	0.584	0.848	1.34	1.28	1987
1988	0.832	1.02	2.16	1.78	1.01	0.428	0.817	0.443	0.533	0.829	1.08	0.744	0.931	1988
MEAN	0.957	1.38	2.94	3.22	1.55	0.899	0.680	0.821	0.784	0.789	1.08	1.30	1.38	MEAN

LOCATION - LAT 43 38 47 N DRAINAGE AREA, 127 km²
LONG 79 51 57 W REGULATED

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	10.4 B ON FEB 25	0.190B ON JAN 31	36 000	1961
1962	---	---	---	---	1962
1963	18.7 E AT 11:00 EST ON MAR 28	18.7 E ON MAR 28	0.178 ON OCT 27	24 100	1963
1964	8.08 AT 17:00 EST ON APR 29	5.27 ON APR 30	0.188 ON JUL 31	21 800	1964
1965	24.2 AT 16:15 EST ON FEB 10	12.5 ON FEB 11	0.258 ON JUL 31	41 900	1965
1966	6.61 AT 02:45 EST ON DEC 8	5.52 ON DEC 8	0.189 ON SEP 17 *	29 600	1966
1967	17.8 AT 13:30 EST ON APR 3	14.8 ON APR 3	0.337 ON SEP 19	42 300	1967
1968	12.2 AT 15:30 EST ON FEB 2	9.25 ON FEB 2	0.337 ON JUL 30	45 800	1968
1969	32.6 AT 13:19 EST ON JUL 28 *	8.41 ON MAR 25	0.280 ON SEP 14	40 300	1969
1970	8.12 AT 17:13 EST ON SEP 28	8.10 ON APR 9	0.326 ON AUG 28	33 100	1970
1971	9.32 AT 17:02 EST ON JUN 13	8.18 ON APR 10	0.380 ON AUG 8	38 400	1971
1972	19.6 AT 08:55 EST ON APR 14	18.0 ON APR 14	0.340 ON AUG 31	45 000	1972
1973	13.5 AT 13:02 EST ON MAR 12	12.3 ON MAR 12	0.334 ON SEP 11	48 900	1973
1974	23.2 AT 07:57 EST ON MAY 17	18.7 ON MAY 17	0.348 ON SEP 23	44 800	1974
1975	19.1 AT 14:39 EST ON APR 19	15.2 ON APR 19	0.371 ON AUG 2	43 800	1975
1976	18.8 AT 14:30 EST ON MAR 21	16.4 ON MAR 21	0.418 ON SEP 8	53 700	1976
1977	16.0 AT 14:48 EST ON MAR 13	10.4 ON MAR 13	0.284 ON JUL 28	44 900	1977
1978	11.7 AT 20:38 EST ON APR 2	9.37 ON APR 2	0.343 ON JUL 19	43 200	1978
1979	23.3 AT 09:45 EST ON APR 14	19.2 ON APR 14	0.398 ON SEP 9	58 400	1979
1980	19.3 AT 13:39 EST ON MAR 21	14.3 ON MAR 21	0.368 ON AUG 27	37 100	1980
1981	10.8 AT 14:01 EST ON FEB 19	10.1 ON FEB 19	0.301 ON JUL 24	34 700	1981
1982	27.9 AT 05:14 EST ON JUN 28	21.4 ON APR 1 *	0.394 ON SEP 10	55 200	1982
1983	15.7 AT 18:52 EST ON JUL 30	8.80 ON MAY 3	0.342 ON JUL 28	49 800	1983
1984	13.6 AT 10:22 EST ON APR 5	10.9 ON APR 5	0.418 ON AUG 28	49 400	1984
1985	17.9 AT 06:00 EST ON FEB 25	15.1 ON FEB 25	0.307E ON JUL 13	84 900	1985
1986	22.9 AT 19:12 EST ON SEP 25	16.9 ON SEP 11	0.442 ON JUL 11	84 700	1986
1987	11.8 AT 03:42 EST ON APR 6	10.4 ON APR 6	0.341 ON AUG 9	39 800	1987
1988	---	8.91 ON MAR 28	0.301 ON JUL 10	29 400	1988
				42 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

CROWE RIVER AT MARMORA - STATION NO. 02HK003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	---	2.97	11.4	24.9	---	1958
1959	14.7	20.1	17.8	138	82.0	29.2	4.10	3.20	3.84	2.42	0.752	2.07	27.0	1959
1960	2.93	4.57	5.19	34.0	45.2	27.0	10.7	3.86	2.77	1.34	1.27	7.83	12.2	1960
1961	7.76	6.63	13.0	58.4	35.6	11.4	3.43	2.16	1.81	4.38	23.0	24.2	18.0	1961
1962	15.4	11.3	14.1	63.0	42.7	14.6	1.80	1.52	2.01	1.52	4.65	11.8	15.4	1962
1963	9.73	13.8	22.8	47.8	46.7	12.9	5.11	1.88	1.08	1.04	1.10	2.15	13.8	1963
1964	8.47	11.6	19.3	72.0	58.1	7.32	3.87	2.82	2.08	10.2	35.3	48.9	23.3	1964
1965	32.8	14.6	42.0	47.4	33.4	23.6	3.58	2.46	1.14	0.943	7.11	68.3	23.2	1965
1966	23.2	20.7	14.2	74.3	39.4	20.5	35.3	8.14	4.87	33.4	65.0	36.6	31.4	1966
1967	26.0	24.7	30.2	68.3	19.4	13.8	5.26	2.77	2.32	2.28	5.48	17.4	18.3	1967
1968	13.7	18.6	21.0	85.4	78.6	31.4	14.7	6.52	2.24	1.97	11.1	18.0	25.2	1968
1969	10.0	8.75	12.9	58.4	56.5	14.4	11.7	6.33	3.29	6.36	10.4	21.7	18.6	1969
1970	13.8	13.1	19.5	90.1	66.9	8.51	5.80	2.37	2.85	7.72	6.24	23.8	21.7	1970
1971	19.3	15.9	13.3	74.7	87.2	28.6	30.9	16.7	7.86	10.3	37.7	32.5	32.2	1971
1972	36.0	32.0	61.5	68.5	32.1	14.9	6.03	2.84	2.59	4.56	18.1	23.7	28.4	1972
1973	24.1	26.3	44.4	90.3	80.2	25.6	5.88	2.50	5.27	4.33	18.1	26.4	29.4	1973
1974	18.2	14.8	34.7	68.5	57.2	13.3	3.40	1.98	2.08	2.18	3.12	12.9	19.4	1974
1975	12.4	14.3	46.6	132	30.9	8.08	8.66	3.84	2.71	5.67	8.89	9.76	23.8	1975
1976	8.05	6.08	35.3	48.4	14.5	2.18	1.96	1.21	1.04	9.80	20.2	36.7	15.5	1976
1977	32.0	27.0	18.6	85.1	70.7	11.7	2.32	2.85	7.57	12.5	19.4	23.6	26.1	1977
1978	24.6	20.8	54.8	119	44.8	19.8	3.56	3.18	2.76	10.9	24.4	38.3	30.5	1978
1979	33.3	13.7	37.3	85.3	33.7	10.1	7.07	7.32	3.01	10.1	16.2	21.0	23.2	1979
1980	13.7	48.4	72.5	45.9	24.7	21.1	7.52	3.31	15.7	16.5	29.6	19.7	26.4	1980
1981	14.6	11.0	15.0	82.2	44.4	20.6	6.23	2.36	3.48	10.1	25.6	57.0	25.2	1981
1982	45.5	25.1	31.4	51.0	77.6	26.1	3.26	2.21	2.26	2.85	7.51	14.4	24.1	1982
1983	12.8	28.3	42.4	103	54.3	12.4	4.19	5.88	7.32	2.26	8.40	18.8	24.9	1983
1984	29.7	21.4	57.1	95.7	41.1	15.2	5.97	1.77	20.5	17.3	26.5	32.1	30.5	1984
1985	20.8	18.2	29.0	66.5	23.8	32.5	10.2	7.26	26.3	55.8	22.0	21.0	27.8	1985
1986	17.4	11.7	24.2	94.4	17.9	10.2	3.88	1.26	0.890	5.20	13.5	35.0	19.5	1986
1987	21.9	24.3	22.8	81.9	32.7	6.19	1.89	1.08	0.133	3.31	19.7	13.8	19.0	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
MEAN	19.4	18.2	30.8	77.9	46.0	17.1	7.61	3.90	4.88	8.57	16.7	24.9	23.2	MEAN

LOCATION - LAT 44 28 54 N LONG 77 41 08 W DRAINAGE AREA, 1 990 km² REGULATED

CROWE RIVER AT MARMORA - STATION NO. 02HK003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	208 ON APR 21	0.303 ON OCT 10	855 000	1959
1960	---	62.0 ON APR 28	0.883 ON OCT 14	386 000	1960
1961	---	71.9 ON APR 12	1.30 ON JUL 22	508 000	1961
1962	---	93.4 ON APR 6	0.883 ON OCT 21	484 000	1962
1963	---	73.9 ON APR 25	0.810 ON OCT 4	438 000	1963
1964	---	122 ON APR 20	1.33 ON OCT 4	734 000	1964
1965	110 AT 20:30 EST ON DEC 14	108 ON DEC 14	0.821 ON OCT 17	733 000	1965
1966	87.2 AT 18:30 EST ON APR 22	85.2 ON APR 22	2.85 ON AUG 18	892 000	1966
1967	108 AT 03:10 EST ON APR 5	105 ON APR 5	1.56 ON OCT 26	578 000	1967
1968	118 AT 20:20 EST ON MAY 23	114 ON APR 21	1.74 ON OCT 5	796 000	1968
1969	104 AT 20:05 EST ON APR 27	103 ON APR 27	3.06 ON SEP 15	582 000	1969
1970	155 AT 10:01 EST ON APR 25	154 ON APR 25	1.79 ON NOV 9	885 000	1970
1971	136 AT 14:35 EST ON APR 26	136 ON APR 26	3.17 ON OCT 5	1 020 000	1971
1972	142 AT 00:30 EST ON APR 5	142 ON APR 5	1.83 ON OCT 8	897 000	1972
1973	119 AT 18:21 EST ON APR 20	118 ON APR 19	2.30 ON SEP 14	928 000	1973
1974	124 AT 00:41 EST ON APR 27	124 ON APR 26	1.06 ON SEP 14	611 000	1974
1975	229 AT 16:02 EST ON APR 4 *	227 ON APR 5 *	2.12 ON SEP 25	752 000	1975
1976	75.0 AT 23:06 EST ON MAR 19	73.9 ON MAR 20	0.779 ON JUL 30	488 000	1976
1977	134 AT 09:07 EST ON APR 29	134 ON APR 29	1.27 ON AUG 21	624 000	1977
1978	180 AT 11:15 EST ON APR 6	178 ON APR 6	1.78 ON AUG 8	952 000	1978
1979	122 AT 21:28 EST ON APR 18	121 ON APR 18	1.56 ON SEP 18	733 000	1979
1980	190 AT 03:05 EST ON FEB 27	189 ON FEB 27	2.25 ON AUG 5	831 000	1980
1981	156 AT 16:23 EST ON APR 24	155 ON APR 24	1.83 ON SEP 11	796 000	1981
1982	101 AT 08:35 EST ON MAY 10	100 ON MAY 10	1.46 ON OCT 18	760 000	1982
1983	130 AT 11:59 EST ON APR 10	128 ON APR 10	1.71 ON OCT 24	789 000	1983
1984	116 AT 18:34 EST ON APR 25	116 ON APR 25	1.53 ON JUL 14	962 000	1984
1985	102 AT 16:29 EST ON APR 4	102 ON APR 4	2.43 ON JUL 31	876 000	1985
1986	167 AT 04:00 EST ON APR 10	166 ON APR 10	0.603 ON SEP 18	817 000	1986
1987	---	114 ON APR 7	0.097 ON SEP 29 *	601 000	1987
1988					1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		732 000	MEAN

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	17.7	6.84	4.02	2.32	1.05	1.18	0.958	1.62	3.16	---	1968
1969	2.78	3.79	3.95	23.4	19.5	10.1	5.35	3.50	1.30	1.42	3.34	3.30	5.81	1969
1970	3.45	2.78	2.85	14.4	18.4	5.04	5.57	3.34	1.98	1.76	2.11	3.54	5.30	1970
1971	3.93	3.98	3.88	24.4	19.3	4.48	3.07	1.59	1.35	1.43	1.43	3.38	5.00	1971
1972	3.38	3.31	3.34	15.8	27.8	14.5	11.9	4.29	2.59	2.98	6.30	6.52	8.58	1972
1973	8.88	7.38	18.2	25.8	11.0	5.88	2.78	2.61	1.38	1.76	2.80	3.91	7.85	1973
1974	4.81	7.31	10.0	24.8	21.7	8.98	2.61	2.08	1.61	2.21	4.39	5.13	7.78	1974
1975	3.50	3.49	5.14	18.3	17.1	5.05	1.82	0.870	1.23	0.588	1.41	2.37	5.07	1975
1976	2.40	2.52	10.0	37.4	10.5	4.32	4.25	2.03	1.76	2.33	2.18	2.20	6.80	1976
1977	1.98	1.88	7.08	14.9	5.23	2.03	0.867	0.517	0.759	2.85	3.88	7.36	4.13	1977
1978	6.88	5.53	4.27	18.0	22.4	5.28	2.09	1.44	2.15	3.38	3.85	5.65	8.74	1978
1979	6.57	4.65	11.6	32.8	14.3	7.50	2.68	1.72	0.973	3.43	5.89	11.7	8.87	1979
1980	8.79	4.45	6.62	24.4	9.65	4.05	3.85	3.04	1.82	2.82	4.22	4.42	8.48	1980
1981	3.80	9.80	19.5	16.8	8.47	4.88	2.15	1.14	2.96	3.02	4.21	4.07	8.72	1981
1982	3.32	2.57	3.46	22.5	13.7	6.52	3.14	1.45	1.47	2.82	5.84	16.3	6.83	1982
1983	12.3	6.17	7.19	14.3	22.8	7.51	2.14	0.842	0.271	1.84	2.20	2.67	6.70	1983
1984	2.70	4.27	9.93	28.3	14.3	5.01	1.54	0.765	0.651	0.531	2.67	3.91	6.19	1984
1985	6.70	6.28	10.9	25.7	14.0	4.91	2.06	0.758	3.07	3.77	6.50	8.33	7.82	1985
1986	5.04	4.13	5.84	19.6	9.02	9.73	3.52	2.23	5.23	13.4	8.09	4.26	7.33	1986
1987	3.55	2.84	4.38	24.4	5.23	3.92	2.19	1.10	0.498	1.51	3.45	7.55	5.12	1987
1988	5.09	4.83	5.16	24.1	10.3	3.06	0.450	0.228	0.183	0.944	3.89	3.46	5.09	1988
MEAN	4.93	4.60	7.66	22.3	14.3	5.94	3.16	1.74	1.63	2.66	3.72	5.44	6.59	MEAN

LOCATION - LAT 44 50 40 N
LONG 77 55 52 W

DRAINAGE AREA, 456 km²
REGULATED

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	37.4 AT 09:15 EST ON APR 19	37.1 ON APR 19	0.800 ON OCT 11	215 000	1969
1970	36.0 AT 20:59 EST ON APR 27	36.0 ON APR 27	1.15 ON SEP 25	157 000	1970
1971	46.7 AT 22:20 EST ON APR 19	45.3 ON APR 19	0.527 ON SEP 13	189 000	1971
1972	43.3 AT 04:30 EST ON MAY 5	43.0 ON MAY 4	1.94 A ON SEP 29	271 000	1972
1973	43.3 AT 03:56 EST ON APR 5	43.0 ON APR 5	0.934 ON OCT 2	242 000	1973
1974	38.9 AT 21:50 EST ON APR 18	38.4 ON APR 18	1.19 ON SEP 24	245 000	1974
1975	41.6 AT 22:21 EST ON APR 27	41.3 ON APR 27	0.309 ON OCT 10	160 000	1975
1976	88.8 AT 07:32 EST ON APR 5 *	67.4 ON APR 5 *	1.24 ON SEP 17	215 000	1976
1977	19.9 AT 05:00 EST ON APR 8	19.7 ON APR 8	0.099 ON SEP 19 *	130 000	1977
1978	45.3 AT 05:48 EST ON APR 28	45.0 ON APR 28	1.00 ON AUG 15	212 000	1978
1979	48.7 AT 00:28 EST ON APR 7	47.8 ON APR 5	0.335 ON OCT 4	270 000	1979
1980	41.3 AT 03:00 EST ON APR 16	41.1 ON APR 16	1.17 ON SEP 8	205 000	1980
1981	44.4 AT 16:46 EST ON MAR 1	44.1 ON MAR 1	0.785 ON AUG 28	212 000	1981
1982	43.3 AT 23:22 EST ON APR 25	43.0 ON APR 25	1.08 ON AUG 18	219 000	1982
1983	36.5 AT 18:55 EST ON MAY 10	36.0 ON MAY 11	0.232 ON OCT 4	211 000	1983
1984	42.1 AT 18:32 EST ON APR 17	41.7 ON APR 17	0.378 ON OCT 4	198 000	1984
1985	42.3 AT 09:09 EST ON APR 24	42.2 ON APR 24	0.358 ON AUG 25	247 000	1985
1986	30.9 AT 18:42 EST ON APR 8	30.8 ON APR 8	1.37 ON SEP 4	231 000	1986
1987	47.2 AT 16:13 EST ON APR 9	47.0 ON APR 9	0.312 ON SEP 18	181 000	1987
1988	---	36.0 ON APR 9	0.143 ON SEP 14	181 000	1988
				208 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02ABO15

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	1.60	0.909	0.876	6.51	28.7	8.08	4.18	2.22	0.989	1.09	2.18	2.25	4.82	1972
1973	1.51	1.37	1.55	17.3	14.1	5.04	2.18	1.72	4.47	5.87	5.77	5.33	5.57	1973
1974	1.63	1.07	1.23	10.3	24.4	11.5	5.27	3.08	4.83	5.34	5.44	3.28	6.56	1974
1975	2.67	2.08	1.31	6.60	18.2	4.03	2.43	0.878	0.556	0.520	0.818	1.82	3.66	1975
1976	1.51	1.11	1.07	35.0	11.2	4.40	3.11	1.01	0.490	0.367	0.364	0.421	4.97	1976
1977	0.328	0.297	0.928	8.26	6.68	3.81	2.17	1.85	23.5	13.2	6.82	4.19	6.00	1977
1978	1.92	0.898	0.817	4.32	20.3	5.31	2.10	0.968	0.887	0.981	0.818	0.822	3.46	1978
1979	0.606	0.534	0.911	11.7	28.2	5.45	1.45	0.732	1.98	1.10	4.07	2.22	4.94	1979
1980	1.30	1.12	0.888	13.8	10.9	2.10	0.807	0.842	8.03	8.64	5.50	2.15	4.66	1980
1981	1.16	0.935	1.11	21.1	9.78	10.7	2.83	0.545	0.325	1.07	1.43	1.17	4.33	1981
1982	0.904	0.648	0.502	11.7	22.4	3.08	5.52	5.21	1.50	11.1	13.4	4.80	6.77	1982
1983	1.85	1.44	2.01	8.85	19.2	7.85	4.50	0.778	0.583	4.78	8.59	4.42	5.33	1983
1984	1.83	1.15	0.807	14.8	14.9	10.8	4.77	1.85	0.890	3.22	4.81	7.70	5.68	1984
1985	2.54	1.03	0.735	13.1	19.5	10.8	3.95	3.08	4.78	15.9	7.85	2.15	7.15	1985
1986	1.19	0.992	0.925	25.7	16.4	---	---	---	---	---	---	---	---	1986
MEAN	1.48	1.04	1.04	14.1	17.7	6.57	3.23	1.75	3.84	5.36	4.77	3.02	6.28	MEAN

LOCATION - LAT 46 32 10 N
LONG 80 14 10 W

DRAINAGE AREA, 492 km²
REGULATED SINCE 1972

REMARKS - NO DATA FOR 1987 DUE TO BRIDGE CONSTRUCTION AT SITE. STATION DISCONTINUED SEPT. 1986

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	75.8 ON MAY 2	0.6868 ON MAR 18	153 000	1972
1973	---	48.3 ON APR 23	1.09 ON MAR 8	179 000	1973
1974	---	44.5 ON APR 29	0.8788 ON FEB 2	207 000	1974
1975	---	38.4 ON MAY 2	0.418 ON OCT 6	116 000	1975
1976	---	115 ON APR 19 *	0.317 ON NOV 11	157 000	1976
1977	---	47.0 ON SEP 25	0.262 ON JAN 24	188 000	1977
1978	---	33.4 ON MAY 6	0.5558 ON DEC 31	109 000	1978
1979	59.6 AT 03:38 EST ON MAY 12 *	59.3 ON MAY 12	0.4378 ON FEB 17	156 000	1979
1980	43.0 AT 23:57 EST ON APR 28	42.6 ON APR 28	0.489 ON AUG 10	147 000	1980
1981	40.6 AT 13:38 EST ON APR 18	40.2 ON APR 18	0.238 ON SEP 24 *	137 000	1981
1982	58.8 AT 16:01 EST ON APR 26	56.4 ON APR 26	0.4808 ON MAR 19	214 000	1982
1983	49.7 AT 19:03 EST ON APR 28	49.0 ON APR 28	0.380 ON SEP 8	188 000	1983
1984	39.0 AT 03:57 EST ON MAY 10	38.4 ON MAY 10	0.7158 ON MAR 27	177 000	1984
1985	---	85.1E ON MAY 5	0.7088 ON MAR 19	226 000	1985
1986	---	---	---	---	1986
				167 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.188	0.234	0.238	---	1963
1964	0.869	0.631	1.71	1.63	0.827	0.278	0.196	1.36	0.321	0.243	0.274	0.922	0.740	1964
1965	1.30	2.60	2.89	1.97	0.556	0.264	0.161	0.183	0.224	0.535	0.704	1.02	1.03	1965
1966	0.600	1.32	1.84	1.02	0.729	0.346	0.107	0.138	0.186	0.187	0.641	1.88	0.724	1966
1967	1.20	0.784	1.31	1.70	1.15	0.477	0.468	0.388	0.225	0.623	1.04	1.03	0.888	1967
1968	0.743	1.61	1.88	1.02	0.704	0.913	0.388	0.402	0.315	0.328	1.24	1.48	0.885	1968
1969	2.78	1.26	1.02	2.86	1.88	0.763	0.727	0.265	0.175	0.211	0.881	1.06	1.14	1969
1970	0.514	1.04	1.62	1.53	0.704	0.275	0.172	0.101	0.170	0.281	1.52	1.26	0.762	1970
1971	0.487	0.877	2.07	1.28	0.809	0.341	0.105	0.092	0.132	0.140	0.170	0.412	0.586	1971
1972	0.736	0.291	2.41	1.86	0.814	0.381	0.302	0.186	0.172	0.308	0.854	1.86	0.850	1972
1973	0.877	0.727	3.26	1.38	0.880	0.788	0.226	0.158	0.145	0.313	1.07	1.37	0.943	1973
1974	1.67	1.25	2.32	2.00	2.19	0.686	0.310	0.204	0.187	0.236	0.822	1.13	1.07	1974
1975	1.37	1.60	2.08	1.10	0.852	0.551	0.187	0.209	0.781	0.484	0.872	1.87	0.949	1975
1976	1.22	3.26	3.89	1.46	1.16	0.346	0.281	0.377	0.226	0.300	0.407	0.367	1.11	1976
1977	0.280	0.362	2.62	2.55	0.606	0.293	0.337	0.251	2.23	1.17	1.14	3.06	1.28	1977
1978	1.26	0.572	3.45	2.21	1.27	0.481	0.162	0.277	0.301	0.958	0.783	0.857	1.06	1978
1979	1.09	1.05	2.81	2.84	0.842	0.382	0.270	0.244	0.268	0.506	1.14	1.89	1.13	1979
1980	1.04	0.481	1.78	2.43	1.17	0.864	1.81	0.632	0.851	0.847	0.762	0.934	1.13	1980
1981	0.341	2.20	1.05	1.37	0.870	0.749	0.578	0.332	0.891	1.11	0.809	0.888	0.904	1981
1982	0.849	0.417	3.70	2.15	0.800	1.15	0.277	0.146	0.243	0.378	1.68	2.37	1.19	1982
1983	0.987	1.44	1.15	1.71	1.78	0.789	1.16	0.841	0.424	0.615	0.804	1.80	1.14	1983
1984	0.503	2.87	2.00	2.07	---	---	---	---	---	---	---	---	---	1984
MEAN	0.975	1.27	2.23	1.82	1.02	0.552	0.412	0.338	0.424	0.473	0.844	1.29	0.972	MEAN

LOCATION - LAT 42 37 41 N
LONG 80 28 20 W
DRAINAGE AREA, 75.8 km^2
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS. STATION DISCONTINUED MAY 3,1984

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	7.46 AT 14:30 EST ON MAR 26	7.22 ON AUG 23	0.088 ON JUL 31	23 400	1964
1965	---	17.1 ON MAR 8	0.108 ON AUG 1	32 600	1965
1966	9.748 AT 11:00 EST ON FEB 11	7.76 ON DEC 8	0.074 ON JUL 28	22 800	1966
1967	5.69 AT 13:15 EST ON APR 6	4.47 ON APR 6	0.153 ON SEP 20	27 300	1967
1968	11.4 AT 11:00 EST ON FEB 2	8.68 ON FEB 2	0.142 ON AUG 3	28 000	1968
1969	24.4 AT 21:30 EST ON JAN 31	15.8 ON JAN 31	0.144 ON SEP 4	35 900	1969
1970	8.46 AT 08:37 EST ON NOV 4	5.24 ON NOV 4	0.0458 ON JAN 21	24 000	1970
1971	8.06 AT 04:00 EST ON MAR 18	5.88 ON MAR 15	0.045 ON AUG 8	17 800	1971
1972	17.4 AT 09:15 EST ON MAR 14	8.64 ON MAR 14	0.082 ON AUG 23	26 900	1972
1973	8.98 AT 01:27 EST ON MAR 18	8.10 ON MAR 15	0.091 ON JUL 19	25 700	1973
1974	11.2 AT 02:20 EST ON MAY 13	9.15 ON MAY 13	0.091 ON SEP 12	33 700	1974
1975	8.03 AT 17:23 EST ON FEB 24	7.11 ON FEB 24	0.088 ON AUG 1	28 800	1975
1976	20.8 AT 09:00 EST ON MAR 5	16.1 ON MAR 5	0.144 ON SEP 9	34 800	1976
1977	40.5 AT 13:58 EST ON SEP 26 *	21.7 ON SEP 26 *	0.098 ON JUL 27	38 800	1977
1978	23.3 AT 19:25 EST ON MAR 21	16.5 ON MAR 22	0.088 ON JUL 20	33 600	1978
1979	15.7 AT 21:10 EST ON DEC 25	11.2 ON MAR 5	0.124 ON JUL 24	35 600	1979
1980	34.1 AT 14:54 EST ON JUL 22	14.0 ON JUL 22	0.290 ON AUG 29	35 800	1980
1981	8.36 AT 01:00 EST ON FEB 24	6.03 ON FEB 20	0.088 ON JUL 25	28 800	1981
1982	17.5 AT 20:58 EST ON MAR 13	12.1 ON MAR 14	0 ON JUL 23 *	37 700	1982
1983	7.49 AT 14:28 EST ON FEB 3	6.18 ON FEB 3	0.088 ON JUL 14	35 900	1983
1984	19.8 AT 12:58 EST ON FEB 14	17.5 ON FEB 14	---	---	1984
				30 700	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEE RIVER AT DEE BANK - STATION NO. 02EB105

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	5.60	---	0.638	0.127	0.030	0.483	4.50	1.99	---	1969
1970	---	---	1.05	9.05	3.33	0.479	1.37	1.32	0.482	2.39	1.67	1.11	---	1970
1971	1.23	1.05	2.47	11.7	---	---	---	0.040	0.187	0.598	1.52	4.10	---	1971
1972	---	---	---	9.28	4.20	0.573	0.788	1.58	0.487	1.42	---	---	---	1972
MEAN	1.23	1.05	1.77	10.0	4.38	0.526	0.926	0.767	0.282	1.22	2.56	2.40	---	MEAN

LOCATION - LAT 45 10 44 N, LONG 78 31 25 W
DRAINAGE AREA, 155 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

DEE RIVER AT DEE BANK - STATION NO. 02EB105

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	19.3E ON APR 23	0.249 ON AUG 30 *	---	1971
1972	---	---	---	---	1972
		20.4E ON APR 21 *	---	---	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

E - ESTIMATED

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.173	1.53	1.23	0.424	0.055	0.052	0	0	0.002	0.458	0.559	0.391	1970
1971	0.288	0.256	1.47	2.88	0.214	0.003	0	0	0	0	0	0.043	0.434	1971
1972	0.084	0.131	0.462	2.52	0.358	0.032	0.010	0.005	0.001	0.054	0.884	0.850	0.428	1972
1973	0.731	0.749	1.59	0.895	0.193	0.084	0.008	0.001	0.001	0.006	0.035	0.162	0.361	1973
1974	0.867	0.561	0.896	1.53	0.577	0.141	0.045	0.001	0	0.001	0.053	0.228	0.373	1974
1975	0.814	0.463	1.87	0.882	0.157	0.007	0	0.001	0.004	0.011	0.089	0.346	0.387	1975
1976	0.184	1.54	2.33	0.705	0.519	0.149	0.031	0.007	0.003	0.020	0.038	0.089	0.485	1976
1977	0.028	0.037	2.54	0.535	0.145	0.008	---	---	---	---	---	---	---	1977
MEAN	0.358	0.489	1.58	1.40	0.323	0.057	0.021	0.002	0.001	0.013	0.188	0.338	0.404	MEAN

LOCATION - LAT 44 05 26 N, LONG 77 12 38 W
DRAINAGE AREA, 28.3 km²
NATURAL FLOW

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	7.67 AT 19:00 EST ON MAR 27	5.46 ON MAR 27	0 ON JUN 16 *	12 300	1970
1971	6.97 AT 10:20 EST ON APR 8	5.92 ON APR 10	0 ON MAY 23	13 700	1971
1972	8.18 AT 17:48 EST ON APR 3	7.02 ON APR 3	0 ON JUL 30	13 500	1972
1973	4.86 AT 12:54 EST ON MAR 17	3.82 ON MAR 17	0 ON JUL 22	11 100	1973
1974	7.16 AT 21:28 EST ON APR 4	5.80 ON APR 4	0 ON AUG 11	11 800	1974
1975	5.86 AT 08:48 EST ON MAR 21	5.04 ON MAR 20	0 ON JUL 2	12 200	1975
1976	5.61 AT 10:47 EST ON MAR 24	4.90 ON MAR 23	0 ON AUG 25	14 700	1976
1977	9.03 AT 09:38 EST ON MAR 11 *	8.04 ON MAR 12 *	0.001 ON MAY 27	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 800	MEAN

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	1.47	1.44	4.14	5.12	2.11	0.982	0.805	0.203	0.012	0.008	0.048	2.72	1.57	1957
1958	2.45	0.806	2.27	5.48	3.33	1.08	1.61	0.795	0.888	1.57	0.210	0.423	1.75	1958
1959	0.400	0.480	3.04	11.4	0.730	0.011	0.570	0.464	0.551	0.895	3.05	3.80	2.12	1959
1960	1.98	2.27	1.76	12.6	1.92	0.843	0.608	0.890	0.575	0.360	0.283	0.214	2.00	1960
1961	0.152	0.167	0.899	4.81	3.77	1.25	0.550	1.25	0.852	0.909	0.598	0.578	1.33	1961
1962	0.804	0.484	2.35	7.34	0.988	0.495	0.824	0.602	0.417	0.343	0.567	2.40	1.45	1962
1963	1.15	0.780	2.04	4.42	2.74	1.18	0.808	0.670	0.487	0.846	0.549	1.38	1.41	1963
1964	1.98	2.72	2.13	4.92	1.89	0.612	0.644	0.616	0.542	0.421	0.282	0.304	1.38	1964
1965	0.344	3.01	2.59	7.33	1.30	0.367	0.582	0.570	0.443	0.845	4.87	4.71	2.22	1965
1966	2.86	1.93	4.27	2.25	0.842	0.560	0.832	0.529	0.423	0.338	1.56	5.43	1.89	1966
1967	2.57	2.37	1.52	4.49	1.43	0.854	0.882	0.845	0.556	1.07	3.84	2.96	1.88	1967
1968	2.08	1.95	2.42	3.14	0.661	1.31	1.04	1.23	1.47	1.01	1.30	3.39	1.75	1968
1969	1.78	2.27	2.95	6.92	6.04	0.987	0.710	0.894	0.548	0.884	1.76	1.82	2.24	1969
1970	1.02	0.883	1.46	5.77	1.86	0.724	0.833	0.551	0.487	0.429	0.758	2.30	1.39	1970
1971	1.87	1.90	3.41	8.81	1.83	0.660	0.504	0.577	0.508	0.350	0.283	0.505	1.75	1971
1972	1.72	1.72	1.43	8.85	2.36	1.97	1.80	1.18	0.863	0.778	2.47	4.42	2.44	1972
1973	4.42	4.08	6.24	4.80	1.59	0.838	0.682	0.858	0.650	0.474	0.541	0.870	2.10	1973
1974	2.10	2.18	4.85	6.48	3.58	0.777	0.733	0.780	0.774	0.747	0.793	1.20	2.09	1974
1975	2.78	2.04	3.38	5.35	0.895	0.846	0.838	1.42	1.57	0.702	0.642	1.18	1.80	1975
1976	1.91	3.00	7.00	4.78	2.10	1.08	1.54	1.43	1.06	0.782	0.551	0.371	2.13	1976
1977	0.381	0.437	3.09	2.61	1.43	1.57	1.62	1.47	0.808	0.784	0.759	1.26	1.37	1977
1978	4.27	5.35	1.75	4.68	0.702	1.31	1.31	1.41	1.05	1.58	0.638	0.654	2.03	1978
1979	0.782	0.644	4.37	4.67	1.84	1.57	1.49	1.47	1.29	1.04	0.881	1.81	1.81	1979
1980	2.35	2.00	2.25	4.02	3.24	1.31	1.37	1.40	1.27	1.11	1.00	1.81	1.91	1980
1981	1.28	4.47	3.35	0.782	1.57	2.11	1.37	1.70	5.83	4.43	2.30	3.87	2.72	1981
1982	1.70	1.40	2.00	5.85	1.94	1.76	1.36	1.38	1.78	1.50	1.50	2.95	2.08	1982
1983	4.97	2.04	2.45	2.44	5.04	1.81	1.44	1.69	1.22	0.882	1.58	3.73	2.46	1983
1984	4.02	3.47	4.89	3.81	2.58	1.82	1.86	1.71	1.33	1.06	0.752	0.775	2.32	1984
1985	1.34	2.27	4.21	3.28	0.708	0.750	1.40	1.08	1.66	1.78	2.72	4.11	2.11	1985
1986	3.24	1.76	3.38	1.25	1.19	1.33	1.28	2.06	3.50	4.22	4.15	4.00	2.62	1986
1987	2.78	1.39	2.53	3.82	1.24	2.08	1.57	1.30	1.04	0.556	1.47	3.36	1.82	1987
1988	5.13	1.85	2.87	2.70	1.67	0.908	1.07	1.07	1.02	0.828	0.858	0.855	1.71	1988
MEAN	2.12	1.98	3.05	5.15	2.02	1.10	1.04	1.05	1.11	1.04	1.34	2.21	1.83	MEAN

LOCATION - LAT 44 28 17 N DRAINAGE AREA, 189 km²
LONG 76 45 46 W REGULATED SINCE 1957

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	8.47 ON APR 10	0 ON SEP 27 *	49 800	1957
1958	---	8.17 ON APR 8	0.0428 ON DEC 31	55 100	1958
1959	---	21.2 ON APR 8 *	0 ON JUN 10	66 700	1959
1960	---	18.2 ON APR 5	0.147 ON DEC 7	83 200	1960
1961	---	8.64 ON APR 12	0.078 ON JUL 4	42 100	1961
1962	---	12.1 ON APR 10	0.185 ON OCT 21	45 700	1962
1963	---	10.3 ON APR 6	0.384 ON SEP 24	44 400	1963
1964	---	7.48 ON APR 15	0.212 ON DEC 11	44 000	1964
1965	---	14.4 ON APR 17	0.227 ON JAN 6	70 100	1965
1966	---	12.1 ON DEC 12	0.288 ON OCT 28	58 700	1966
1967	---	7.53 ON APR 3	0.343 ON OCT 7	59 500	1967
1968	---	6.97 ON APR 5	0.173 ON OCT 18	55 300	1968
1969	---	15.1 ON MAY 22	0.051 ON OCT 4	70 600	1969
1970	---	7.82 ON APR 10	0.1908 ON FEB 20	43 800	1970
1971	15.1 AT 08:49 EST ON APR 18	14.9 ON APR 18	0.153 ON DEC 5	65 200	1971
1972	18.6 AT 18:00 EST ON APR 20 *	18.4 ON APR 20	0.612 ON OCT 20	77 100	1972
1973	10.8 AT 00:51 EST ON MAR 21	10.6 ON MAR 21	0.405 ON OCT 28	66 200	1973
1974	13.1 AT 10:45 EST ON APR 5	12.9 ON APR 5	0.345 ON OCT 5	65 900	1974
1975	9.83 AT 14:10 EST ON APR 18	9.37 ON APR 20	0.343 ON NOV 1	56 800	1975
1976	13.5 AT 01:39 EST ON APR 4	13.4 ON APR 3	0.138 ON NOV 24	67 300	1976
1977	---	9.63B ON MAR 14	0.3678 ON FEB 7	43 100	1977
1978	---	7.36B ON FEB 9	0.021 ON OCT 5	64 000	1978
1979	10.8 AT 11:15 EST ON APR 8	10.3 ON APR 8	0.441 ON APR 28	57 200	1979
1980	---	11.8 B ON MAR 22	0.580B ON MAR 16	80 500	1980
1981	---	11.7 B ON FEB 21	0.511 ON MAY 1	85 900	1981
1982	9.95 AT 09:16 EST ON APR 3	9.31 ON APR 2	1.11 ON AUG 6	66 000	1982
1983	---	9.41E ON MAY 8	0.762E ON NOV 10	77 600	1983
1984	7.88 AT 18:10 EST ON APR 6	7.73 ON APR 6	0.573 ON DEC 11	73 500	1984
1985	8.73 AT 18:36 EST ON MAR 14	8.68 ON MAR 14	0.415 ON JUN 11	66 500	1985
1986	---	7.15B ON MAR 20	0.209 ON MAY 15	82 600	1986
1987	7.13 AT 10:22 EST ON DEC 1	6.97 ON DEC 1	0.029 ON OCT 6	60 600	1987
1988	---	9.08 ON MAR 27	0.470 ON JUN 21	54 200	1988
				60 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	2.03	---	1965
1966	0.598	1.83	2.53	1.82	0.664	0.482	0.059	0.080	0.088	0.084	0.685	3.47	1.01	1966
1967	1.11	0.708	3.68	3.93	1.17	0.854	0.389	0.245	0.102	0.767	2.33	2.83	1.52	1967
1968	1.49	5.51	3.55	1.12	0.337	1.18	0.881	0.818	0.868	0.841	1.56	1.52	1.57	1968
1969	5.04	2.20	2.10	3.46	2.55	1.21	0.143	0.050	0.049	0.109	0.878	0.909	1.55	1969
1970	0.428	0.881	3.05	2.33	0.508	0.156	0.782	0.132	0.111	0.236	2.37	2.29	1.11	1970
1971	0.533	1.65	4.73	1.46	0.230	0.087	0.059	0.037	0.028	0.024	0.054	0.232	0.757	1971
1972	0.537	0.136	4.86	3.53	0.758	0.426	0.212	0.951	0.143	0.855	1.86	2.42	1.38	1972
1973	1.88	0.765	8.54	1.37	0.990	0.791	0.152	0.153	0.059	0.162	1.25	1.36	1.30	1973
1974	4.29	2.84	3.23	2.21	2.85	0.602	0.411	0.137	0.140	0.108	0.959	0.750	1.52	1974
1975	2.90	2.74	4.24	2.31	0.588	1.10	0.166	0.323	0.548	0.245	0.320	0.962	1.36	1975
1976	0.917	5.55	5.42	1.83	1.45	0.205	0.452	0.373	0.275	0.214	0.583	0.247	1.52	1976
1977	0.068	0.857	9.85	2.10	0.337	0.236	0.361	0.187	1.84	1.33	1.57	5.29	2.02	1977
1978	0.775	0.493	5.33	5.30	0.778	0.222	0.225	0.160	0.276	0.342	0.374	1.03	1.28	1978
1979	0.718	0.881	6.87	5.16	0.768	0.324	0.236	0.358	0.284	0.510	4.04	3.99	1.99	1979
1980	1.48	0.501	4.11	3.28	0.754	0.874	1.11	0.414	0.595	1.03	0.464	1.31	1.32	1980
1981	0.183	4.57	1.26	3.12	0.788	0.583	0.216	0.383	1.34	1.44	1.14	0.892	1.30	1981
1982	0.586	0.245	8.42	4.81	0.957	2.65	0.436	0.160	0.144	0.241	5.70	4.92	2.38	1982
1983	1.71	1.42	0.897	1.91	2.05	0.318	0.494	0.864	0.206	0.667	1.46	1.96	1.16	1983
1984	0.142	6.83	4.17	2.38	1.15	2.66	1.28	0.141	1.59	0.517	0.630	1.63	1.80	1984
1985	---	---	---	---	---	---	---	---	---	---	---	4.77	1.95	---
1986	1.36	1.90	---	---	---	---	---	---	---	---	---	---	---	1985
1987	1.04	0.320	3.24	2.48	0.286	0.227	0.175	0.267	0.212	0.774	1.06	2.88	1.09	1986
1988	1.11	1.54	2.30	1.27	0.504	0.137	0.437	0.537	0.323	1.11	3.19	1.27	1.14	1987
														1988
MEAN	1.31	2.04	4.21	2.71	0.974	0.720	0.402	0.322	0.475	0.595	1.71	2.05	1.44	MEAN

LOCATION - LAT 42 56 02 N
LONG 81 21 05 W

DRAINAGE AREA, 146 km²
NATURAL FLOW

REMARKS - MISC. DATA ONLY FOR JAN-OCT 1985

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	22.3 AT 04:30 EST ON DEC 8	18.2 ON DEC 8	0.028 ON SEP 20	31 800	1966
1967	39.6 AT 10:00 EST ON APR 3	24.6 ON APR 3	0.051 ON AUG 14	48 000	1967
1968	86.3B AT 13:00 EST ON FEB 2 *	58.9B ON FEB 2	0.079 ON JUN 24	48 800	1968
1969	41.1 AT 17:46 EST ON JAN 30	27.2 ON JAN 30	0.019 ON SEP 15	49 000	1969
1970	17.8 AT 23:09 EST ON APR 2	11.7 ON APR 3	0.055 ON SEP 28	35 100	1970
1971	---	14.4 ON MAR 15	0 ON AUG 8 *	23 900	1971
1972	36.0 AT 04:08 EST ON APR 17	22.1 ON APR 17	0.031 ON AUG 1	43 800	1972
1973	29.2 AT 22:13 EST ON MAR 11	17.0 ON MAR 15	0.042 ON SEP 5	41 000	1973
1974	30.6 AT 21:22 EST ON FEB 22	21.9 ON JAN 27	0.082 ON AUG 26	48 100	1974
1975	---	27.0 ON FEB 24	0.071E ON JUL 31	42 800	1975
1976	36.2 AT 18:52 EST ON MAR 5	30.6 ON MAR 5	0.059B ON DEC 18	48 200	1976
1977	---	30.8E ON MAR 13	0.042B ON JAN 30	63 700	1977
1978	---	26.4B ON MAR 23	0.010 ON JUL 14	40 300	1978
1979	---	40.1 ON APR 14	0.001 ON AUG 20	62 800	1979
1980	---	22.2 ON MAR 17	0.082 ON SEP 12	41 800	1980
1981	---	19.8 ON FEB 23	0.080 ON JUL 15	40 800	1981
1982	---	29.8 ON MAR 31	0.084 ON AUG 17	74 500	1982
1983	---	12.8 ON MAY 2	0.128 ON SEP 13	38 700	1983
1984	---	64.0E ON FEB 14 *	0.020E ON AUG 11	60 100	1984
1985	---	---	---	32 300	1985
1986	---	---	---	---	1986
1987	---	18.3 ON MAR 8	0.013 ON JUL 30	34 300	1987
1988	---	15.0B ON JAN 31	0.083 ON JUL 28	36 100	1988
				44 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DON RIVER AT TODMORDEN - STATION NO. 02HC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	2.93	3.58	2.42	---	1962
1963	1.37	1.30	7.15	3.11	3.21	1.44	1.48	2.57	1.61	1.23	2.38	1.51	2.37	1963
1964	3.05	1.83	5.85	3.88	2.18	1.75	3.64	3.25	1.48	1.63	1.82	2.85	2.78	1964
1965	2.25	8.61	5.85	5.62	2.18	2.25	2.30	2.01	2.03	3.56	4.18	3.82	3.54	1965
1966	2.44	3.32	8.71	3.18	2.80	2.52	1.57	1.95	2.20	1.86	4.75	8.23	3.19	1966
1967	2.85	2.16	6.60	8.15	3.03	4.10	3.00	2.71	2.89	3.68	3.70	4.57	3.80	1967
1968	2.87	8.69	9.85	3.34	3.84	2.79	1.90	2.99	2.91	2.19	3.86	3.20	3.88	1968
1969	8.44	2.85	5.87	8.21	4.08	2.41	2.84	2.74	1.73	2.33	3.16	2.35	3.48	1969
1970	1.85	2.51	5.77	5.67	3.38	1.95	3.19	2.89	2.61	2.85	3.03	3.08	3.23	1970
1971	1.85	4.18	7.04	5.88	2.18	2.47	3.42	3.48	1.95	1.97	1.87	4.15	3.38	1971
1972	3.29	2.67	7.40	11.8	2.77	3.21	2.70	2.90	2.83	3.38	4.18	4.88	4.33	1972
1973	4.39	3.71	10.7	6.78	4.23	3.06	2.06	2.42	2.12	3.33	4.32	3.84	4.15	1973
1974	5.72	3.85	6.38	6.09	7.20	4.02	1.86	2.24	2.26	1.85	2.95	2.38	3.90	1974
1975	3.24	5.99	5.18	5.73	3.45	2.89	2.11	2.93	2.82	1.90	2.51	2.88	3.54	1975
1976	2.10	5.78	9.05	4.71	4.86	3.98	4.57	3.93	2.84	2.54	1.80	1.92	4.08	1976
1977	1.53	3.07	8.74	4.67	1.95	3.40	4.47	4.05	5.80	5.21	6.47	7.72	4.78	1977
1978	3.90	2.00	8.32	8.24	4.82	2.01	1.83	2.90	4.51	2.83	3.24	3.26	4.07	1978
1979	4.72	2.98	11.1	7.78	3.98	3.08	2.40	2.66	2.53	3.33	4.08	7.03	4.85	1979
1980	4.00	1.72	8.38	8.82	3.04	3.74	4.75	2.32	2.58	3.50	2.41	3.48	4.07	1980
1981	1.71	10.6	2.42	2.88	3.87	2.88	3.29	4.37	5.48	8.05	3.88	2.40	4.08	1981
1982	3.38	2.59	11.9	5.83	2.56	5.33	2.63	4.22	4.52	2.81	5.92	8.28	4.84	1982
1983	3.45	4.50	5.11	6.42	6.14	2.43	1.78	3.55	2.86	3.70	5.05	5.09	4.15	1983
1984	2.08	10.8	7.41	5.14	4.87	3.10	2.61	3.40	4.20	1.99	4.00	3.38	4.40	1984
1985	2.11	9.30	8.84	5.40	3.81	2.70	2.74	5.28	3.43	3.12	9.81	3.28	4.92	1985
1986	3.01	2.62	8.01	3.21	3.47	3.12	3.84	10.2	13.0	5.21	3.17	8.11	5.41	1986
1987	2.83	2.41	5.78	5.55	2.76	3.13	4.13	2.62	3.38	2.53	4.14	4.40	3.63	1987
1988	2.52	3.23	4.27	3.85	2.79	1.88	2.28	1.73	3.36	3.68	3.59	2.50	2.95	1988
MEAN	3.00	4.28	7.29	6.80	3.58	2.90	2.82	3.32	3.38	3.00	3.84	3.84	3.91	MEAN

LOCATION - LAT 43 41 50 N DRAINAGE AREA, 316 km²
LONG 79 21 15 W REGULATED SINCE 1973

DON RIVER AT TODMORDEN - STATION NO. 02HC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1962	---	---	---	---	1962
1963	44.2 AT 14:30 EST ON AUG 1	18.0E ON MAR 6	0.985 ON JUL 7 *	74 800	1963
1964	86.1 AT 21:00 EST ON JUL 1	27.4 ON JUL 13	1.10 ON JUN 28	87 400	1964
1965	131 AT 20:00 EST ON FEB 10	70.2 ON FEB 10	1.03 ON JUN 20	111 000	1965
1966	85.0 AT 23:00 EST ON NOV 9	32.6 ON MAR 1	1.25 ON JUL 24	101 000	1966
1967	81.2 AT 23:30 EST ON APR 2	38.8 ON APR 3	1.48 ON FEB 14	120 000	1967
1968	78.6 AT 20:15 EST ON FEB 2	61.7 ON FEB 2	1.30 ON JUL 28	122 000	1968
1969	82.0 AT 14:11 EST ON APR 18	38.2 ON APR 18	1.29 ON DEC 23	110 000	1969
1970	82.8 AT 18:27 EST ON JUL 31	22.3 ON APR 2	1.37 ON JUN 14	102 000	1970
1971	85.0 AT 13:46 EST ON JUN 25	38.2 ON APR 2	1.31 ON AUG 20	106 000	1971
1972	88.2 AT 08:43 EST ON APR 13	43.3 ON APR 13	1.35 ON JAN 15	137 000	1972
1973	83.4 AT 15:46 EST ON MAR 11	37.8E ON FEB 2	1.27 ON SEP 28	131 000	1973
1974	174 AT 23:54 EST ON MAY 16	64.7 ON MAR 5	1.32 ON AUG 20	123 000	1974
1975	135 AT 15:58 EST ON FEB 24	58.8 ON FEB 24	1.24 ON AUG 19	112 000	1975
1976	148 AT 19:04 EST ON AUG 28	31.1 ON AUG 28	1.18 ON DEC 3	129 000	1976
1977	150 AT 00:12 EST ON SEP 25	45.3 ON MAR 13	1.28 ON JUN 11	151 000	1977
1978	105 AT 22:14 EST ON SEP 16	30.0 ON APR 7	1.27 E ON JUL 17	128 000	1978
1979	164 AT 17:27 EST ON DEC 25	75.3 ON DEC 25	1.38 ON DEC 17	147 000	1979
1980	149 AT 17:07 EST ON MAR 21	85.7 ON MAR 21	1.30 ON AUG 17	129 000	1980
1981	129 AT 14:38 EST ON MAY 11	51.4 ON FEB 11	1.35 ON JAN 13	129 000	1981
1982	159 AT 19:45 EST ON SEP 14	44.5 ON MAR 13	1.38 ON SEP 9	153 000	1982
1983	83.5 AT 19:18 EST ON AUG 8	30.2 ON MAR 19	1.38 ON SEP 13	131 000	1983
1984	180 AT 07:50 EST ON FEB 14	108 ON FEB 14 *	1.38 ON JUL 25	139 000	1984
1985	124 AT 13:03 EST ON AUG 28	66.1 ON FEB 24	1.33 ON JUL 30	155 000	1985
1986	207 E AT 03:08 EST ON AUG 27 *	85.6 ON SEP 11	1.32 ON JUL 11	171 000	1986
1987	112 AT 17:35 EST ON MAY 27	24.4 ON MAR 1	1.15 ON AUG 24	114 000	1987
1988	---	23.3 ON SEP 4	1.02 ON AUG 22	93 400	1988
				123 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DON RIVER AT YORK MILLS - STATION NO. 02HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	0.535	0.443	0.388	---	1945
1946	0.588	0.198	2.58	0.217	0.191	0.142	0.048	0.028	0.075	0.145	0.153	0.184	0.389	1946
1947	---	---	2.38	2.53	---	---	---	---	---	---	---	---	---	1947
1951	---	2.47	2.91	3.13	0.255	0.229	0.536	0.154	0.130	0.158	0.468	0.444	---	1951
1952	1.41	1.54	3.62	1.78	0.444	0.232	0.157	0.144	0.145	0.150	0.285	0.278	0.883	1952
1953	0.275	0.725	0.922	0.470	1.35	0.310	0.268	0.228	0.309	---	0.192	0.276	---	1953
1954	0.298	4.57	2.86	1.54	0.503	0.420	0.237	0.130	0.085	3.11	0.133	0.225	1.16	1954
1955	0.873	0.290	2.87	2.04	0.358	0.297	0.153	0.248	0.080	0.228	0.301	0.243	0.888	1955
1956	0.215	0.141	2.22	2.32	1.16	0.338	0.588	0.898	0.380	0.195	0.238	0.748	0.798	1956
1957	0.826	0.843	1.03	1.13	0.778	0.748	0.333	0.284	0.340	0.468	0.472	1.18	0.711	1957
1958	0.361	1.02	1.45	0.522	0.343	0.315	0.337	0.388	0.389	0.352	0.452	0.347	0.620	1958
1959	0.394	0.354	3.26	1.82	0.455	0.313	0.447	---	---	---	---	---	---	1959
1960	---	---	---	2.26	2.25	0.414	0.373	0.272	0.186	0.248	0.378	0.246	---	1960
1961	0.237	1.13	1.02	0.807	0.555	0.519	0.361	0.275	0.247	0.237	0.387	0.328	0.511	1961
1962	0.457	0.265	2.36	0.510	0.267	0.278	0.341	0.287	0.433	0.533	0.891	0.447	0.594	1962
1963	0.253	0.228	2.00	0.479	0.506	0.278	0.298	0.327	0.286	0.245	0.398	0.314	0.480	1963
1964	0.738	0.341	1.94	0.878	0.450	0.290	0.699	0.705	0.323	0.294	0.338	0.519	0.630	1964
1965	0.446	1.76	1.84	1.71	0.456	0.348	0.432	0.331	0.407	0.788	0.884	0.671	0.853	1965
1966	0.528	0.839	2.20	0.785	0.507	0.611	0.330	0.339	0.380	0.399	1.05	1.42	0.798	1966
1967	0.880	0.522	1.82	1.64	0.627	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	0.530	0.271	0.417	0.522	0.314	0.476	0.430	---	1968
1969	1.21	0.568	1.64	1.68	0.917	0.253	0.334	0.268	0.182	0.293	0.530	0.280	0.679	1969
1970	0.216	0.333	1.44	1.30	0.513	0.196	0.411	0.418	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	0.573	0.398	2.00	4.14	0.457	0.486	0.402	0.488	0.612	0.263	0.273	0.883	---	1972
1973	1.06	0.855	3.15	1.43	0.756	0.500	0.385	0.431	0.341	0.944	0.888	1.02	1.06	1973
1974	1.67	0.888	1.82	1.80	1.98	0.598	0.254	0.158	0.256	0.509	0.781	0.877	0.909	1974
1975	0.538	1.75	1.05	1.48	0.584	0.480	0.285	0.425	0.423	0.285	0.482	0.371	0.870	1975
1976	0.320	1.85	2.60	1.13	1.14	0.747	0.891	0.863	0.419	0.400	0.225	0.241	0.889	1976
1977	0.180	0.472	2.40	1.07	0.311	0.508	0.702	0.579	1.03	1.22	1.38	1.88	0.891	1977
1978	0.537	0.295	2.27	2.48	0.832	0.348	0.277	0.528	0.858	0.452	0.390	0.489	0.984	1978
1979	0.814	0.483	3.29	1.88	0.718	0.319	0.232	0.305	0.292	0.804	0.882	1.75	0.821	1979
1980	0.980	0.269	2.02	2.12	0.488	0.841	1.20	0.400	0.418	0.810	0.383	0.793	0.976	1980
1981	0.230	2.92	0.440	0.506	0.762	0.526	0.516	0.718	1.21	1.07	0.873	0.400	0.881	1981
1982	0.576	0.419	3.35	1.54	0.390	0.880	0.479	0.616	0.856	0.595	1.67	3.02	0.814	1982
1983	0.760	1.10	1.25	1.78	1.44	0.432	0.245	0.558	0.512	0.782	1.04	1.13	1.13	1983
1984	0.283	3.35	1.83	1.23	1.03	0.545	0.413	0.533	0.938	0.261	0.882	0.838	0.985	1984
1985	0.409	2.33	2.39	1.35	0.638	0.518	0.515	1.11	0.759	0.815	2.39	0.784	1.15	1985
1986	0.538	0.388	1.49	0.578	0.615	0.515	0.883	2.84	3.51	1.22	0.822	1.08	1.19	1986
1987	0.520	0.406	1.48	1.32	0.397	0.493	0.849	0.488	0.822	0.544	0.882	1.12	0.778	1987
1988	0.457	0.612	1.02	0.838	0.578	0.286	0.388	0.244	0.884	0.598	0.724	0.532	0.585	1988
MEAN	0.591	1.03	2.07	1.48	0.711	0.435	0.434	0.474	0.544	0.556	0.635	0.871	0.813	MEAN

LOCATION - LAT 43 44 21 N
LONG 79 24 05 W

DRAINAGE AREA, 88.1 km²
REGULATED SINCE 1973

DON RIVER AT YORK MILLS - STATION NO. 02HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	18.4 ON MAR 7	0.028 ON JUL 1 *	12 300	1946
1947	---	---	---	---	1947
1951	---	42.8 E ON APR 12	0.028 ON MAY 8	---	1951
1952	---	30.6 E ON MAR 11	0.142 ON JUL 1	27 200	1952
1953	---	---	---	---	1953
1954	---	47.6 E ON OCT 16 *	0.085 ON AUG 8	38 400	1954
1955	---	28.3 E ON MAR 1	0.057 ON AUG 18	21 100	1955
1956	---	18.3 ON MAR 7	0.057 ON OCT 27	25 200	1956
1957	---	14.2 ON JAN 22	0.113 ON JUL 20	22 400	1957
1958	---	5.10E ON FEB 25	0.170 ON JUL 29	16 400	1958
1959	---	12.6 ON MAR 21	---	---	1959
1960	31.7 E AT 05:30 EST ON MAY 8	26.7 ON MAR 31	0.170 ON AUG 27	---	1960
1961	7.48 AT 23:00 EST ON FEB 23	6.40 ON FEB 26	0.181 ON SEP 18	18 100	1961
1962	14.6 AT 17:00 EST ON NOV 10	10.3 ON NOV 10	0.181 ON FEB 23	18 700	1962
1963	10.8 AT 14:00 EST ON AUG 1	8.30 ON MAR 25	0.201 ON JUL 18	15 100	1963
1964	12.5 AT 01:00 EST ON AUG 29	9.43 ON JUL 13	0.159 ON SEP 19	19 900	1964
1965	57.5 AT 18:00 EST ON FEB 10	21.5 ON FEB 10	0.142 ON MAR 2	26 900	1965
1966	22.2 AT 19:30 EST ON NOV 8	12.8 ON MAR 1	0.241 ON JUL 23	25 100	1966
1967	23.7 AT 05:00 EST ON APR 3	10.9 ON APR 3	---	---	1967
1968	---	---	---	---	1968
1969	24.6 AT 16:16 EST ON APR 18	16.5 ON APR 18	0.113 ON SEP 8	21 400	1969
1970	20.6 AT 17:53 EST ON JUL 31	5.87 ON APR 3	---	---	1970
1971	---	---	---	---	1971
1972	13.6 E ON APR 13	13.6 E ON APR 13	0.083 ON FEB 20	33 300	1972
1973	24.3 AT 20:15 EST ON MAR 11	12.7 ON FEB 2	0.181 ON SEP 12	28 800	1973
1974	38.2 AT 20:48 EST ON MAY 18	17.0 E ON MAR 5	0.076 ON AUG 8	27 400	1974
1975	19.8 AT 13:43 EST ON FEB 24	10.7 ON FEB 24	0.133 ON AUG 19	21 100	1975
1976	16.9 AT 13:51 EST ON JUL 31	9.23 ON MAR 21	0.119 ON DEC 3	28 200	1976
1977	22.5 AT 16:08 EST ON JUL 15	7.48 ON MAR 13	0.186 ON JUN 14	30 400	1977
1978	15.0 AT 12:03 EST ON OCT 4	7.48E ON MAR 21	0.122 ON OCT 22	25 900	1978
1979	18.0 AT 14:03 EST ON DEC 25	10.7 ON DEC 25	0.084 ON JUL 24	30 800	1979
1980	46.8 AT 18:08 EST ON MAR 21	24.3 ON MAR 21	0.134 ON MAY 26	27 200	1980
1981	25.0 AT 00:38 EST ON SEP 5	16.5 ON FEB 19	0.138 ON JUL 14	25 700	1981
1982	---	14.2 ON MAR 15	0.175 ON AUG 18	35 800	1982
1983	21.8 AT 18:12 EST ON AUG 8	7.44 ON MAY 4	0.117 ON SEP 15	28 000	1983
1984	65.8 AT 22:54 EST ON FEB 14 *	33.1 ON FEB 15	0.034 ON MAR 13	31 100	1984
1985	---	11.3 ON FEB 25	0.148 ON JUL 29	36 100	1985
1986	63.9 AT 00:38 EST ON AUG 27	22.5 ON SEP 11	0.178 ON DEC 13	37 400	1986
1987	12.3 AT 15:10 EST ON AUG 31	5.90 ON MAR 8	0.181 ON AUG 25	24 500	1987
1988	---	2.86E ON APR 5	0.126 ON AUG 22	18 500	1988
				25 800	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	2.01	2.12	0.628	---	1956
1957	0.559	0.480	0.937	4.78	1.70	3.62	2.58	0.175	2.94	3.67	4.09	2.31	2.31	1957
1958	0.508	0.325	0.759	4.32	1.03	1.03	0.884	0.113	1.05	2.21	0.920	0.429	1.15	1958
1959	0.308	0.190	0.292	8.44	2.26	0.859	0.680	1.44	4.13	2.38	3.56	1.15	1.87	1959
1960	0.518	0.884	0.481	8.38	3.85	1.80	3.31	0.478	0.837	1.28	2.72	1.02	2.08	1960
1961	0.327	0.150	0.277	4.39	2.53	0.805	1.53	1.16	1.62	0.935	1.51	1.81	1.48	1961
1962	0.507	0.347	0.603	5.10	2.85	0.370	0.083	0.060	0.178	0.212	0.428	0.385	0.827	1962
1963	0.190	0.141	0.893	7.36	2.63	0.715	0.151	0.359	0.237	0.259	0.917	0.457	1.18	1963
1964	0.210	0.291	0.472	4.28	1.44	0.287	0.127	0.219	2.21	1.17	1.14	1.48	1.11	1964
1965	0.439	0.402	0.306	4.84	3.84	0.365	0.487	1.27	2.17	2.48	1.40	1.22	1.58	1965
1966	1.33	0.708	1.11	8.10	1.75	0.636	0.187	0.551	0.382	1.33	3.15	2.74	1.66	1966
1967	0.508	0.504	0.384	7.26	1.88	1.08	0.285	0.198	0.442	1.05	3.58	1.28	1.51	1967
1968	0.401	1.01	1.53	5.01	1.17	0.717	0.502	0.418	0.484	0.638	0.858	1.11	1.13	1968
1969	0.782	0.480	1.58	8.83	3.28	1.81	0.805	0.886	0.341	2.23	4.49	0.708	1.98	1969
1970	0.202	0.178	0.253	8.22	4.25	3.26	5.86	1.19	1.98	1.98	1.81	0.744	2.32	1970
1971	0.319	0.327	0.468	5.58	3.01	0.302	0.113	0.184	0.431	0.881	0.878	1.84	1.26	1971
1972	0.883	0.372	0.324	5.31	5.85	1.14	0.833	3.71	0.858	1.47	1.49	0.680	1.67	1972
1973	0.523	0.520	3.78	8.27	2.85	1.52	0.409	0.803	0.456	1.38	1.72	1.11	1.78	1973
1974	0.521	1.06	0.644	7.33	3.09	2.70	0.521	0.471	0.452	1.48	4.21	1.00	1.84	1974
1975	0.503	0.289	0.545	4.47	4.11	1.74	0.412	0.114	0.313	1.25	2.02	2.64	1.55	1975
1976	0.385	0.181	1.64	6.78	2.85	0.842	1.44	0.393	0.913	0.888	0.513	0.372	1.44	1976
1977	0.249	0.228	2.10	7.17	0.888	0.378	1.83	1.55	1.77	1.50	2.03	0.717	1.87	1977
1978	0.388	0.433	0.288	4.21	4.13	0.574	0.538	1.31	2.38	2.48	1.19	0.588	1.55	1978
1979	0.438	0.429	3.27	8.81	2.90	0.741	0.882	0.584	0.885	1.71	1.90	1.53	2.00	1979
1980	0.695	0.291	1.76	8.50	1.80	1.05	1.18	0.825	2.79	2.48	1.60	0.885	1.95	1980
1981	0.318	1.50	1.65	7.32	2.15	1.34	0.311	0.287	1.83	3.55	1.15	0.872	1.84	1981
1982	0.331	0.287	0.841	7.70	1.78	0.818	0.291	0.288	1.41	1.60	1.98	3.16	1.71	1982
MEAN	0.472	0.449	1.05	6.21	2.87	1.17	0.892	0.718	1.28	1.84	1.98	1.22	1.85	MEAN

LOCATION - LAT 46 19 53 N
LONG 79 30 20 W

DRAINAGE AREA, 80.4 km^2
NATURAL FLOW

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	43.6 ON JUN 30 *	0.113 ON AUG 13	72 800	1957
1958	---	8.27 ON APR 18	0.057E ON AUG 10	36 100	1958
1959	---	22.7 ON APR 19	0.085 ON JUL 16	62 100	1959
1960	---	19.5 ON APR 25	0.130 ON AUG 26	65 100	1960
1961	---	9.85 ON APR 17	0.125RB ON FEB 12	46 000	1961
1962	---	14.4 ON APR 23	0.014 ON AUG 2	29 200	1962
1963	---	22.1 E ON APR 3	0.028 ON AUG 12	37 500	1963
1964	---	17.9 ON APR 15	0.008 ON JUL 28 *	35 000	1964
1965	---	11.9 ON MAY 4	0.144 ON JUL 1	49 200	1965
1966	---	22.1 ON APR 22	0.074 ON JUL 8	52 400	1966
1967	17.2 AT 13:00 EST ON APR 18	15.7 ON APR 18	0.068 ON SEP 1	47 800	1967
1968	---	14.3 A ON APR 1	0.093 ON AUG 11	35 800	1968
1969	19.0 AT 14:00 EST ON APR 16	18.0 ON APR 16	0.159 ON JUL 23	62 700	1969
1970	28.0 AT 10:03 EST ON JUL 21	24.9 ON JUL 21	0.167B ON JAN 28	73 100	1970
1971	16.7 AT 01:56 EST ON APR 20	15.1 ON APR 20	0.084 ON JUL 5	38 700	1971
1972	21.2 AT 14:03 EST ON AUG 25	20.2 ON MAY 3	0.102 ON JUL 9	59 300	1972
1973	16.7 AT 03:43 EST ON APR 3	15.3 ON APR 2	0.127 ON JUL 25	56 500	1973
1974	19.8 AT 10:36 EST ON APR 23	16.6 ON APR 23	0.071 ON AUG 28	61 100	1974
1975	15.8 AT 21:00 EST ON MAY 1	14.6 ON MAY 2	0.084 ON SEP 1	49 000	1975
1976	15.1 AT 13:26 EST ON MAY 18	14.7 ON APR 18	0.082 ON AUG 28	45 800	1976
1977	15.5 AT 12:37 EST ON APR 22	14.9 ON APR 21	0.057E ON JUL 23	52 800	1977
1978	17.4 AT 03:19 EST ON APR 28	15.6 ON APR 28	0.164 ON JUL 8	48 800	1978
1979	32.6 AT 07:18 EST ON APR 27 *	26.5 ON APR 27	0.174 ON AUG 17	63 000	1979
1980	27.7 AT 02:17 EST ON APR 10	25.4 ON APR 10	0.155B ON MAR 15	61 800	1980
1981	---	26.5 E ON APR 5	0.110 ON AUG 2	58 100	1981
1982	---	18.0 E ON APR 18	0.087 ON JUL 27	53 900	1982
				52 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	0.727	0.651	0.628	1.07	0.739	---	1960
1961	0.644	1.76	0.878	1.77	1.17	0.898	0.643	---	---	---	---	---	---	1961
1962	---	---	---	1.61	0.481	0.765	0.724	0.845	0.908	0.756	1.12	1.06	---	1962
1963	0.543	0.438	1.89	0.991	1.14	0.671	0.512	0.536	0.585	0.503	0.708	0.823	0.781	1963
1964	0.824	0.770	0.876	1.09	0.895	0.488	0.770	0.886	0.486	0.569	0.841	1.09	0.775	1964
1965	0.720	2.42	1.89	2.83	0.786	0.516	0.841	0.535	0.802	1.02	1.42	1.86	1.22	1965
1966	0.926	0.814	1.80	1.18	0.980	0.643	0.359	0.446	0.520	0.530	1.01	1.48	0.899	1966
1967	1.18	0.852	2.18	2.18	0.935	0.884	1.02	0.869	0.697	1.14	1.61	1.77	1.28	1967
1968	0.855	2.74	6.13	1.32	1.10	0.784	0.587	0.579	0.621	0.884	1.21	0.902	1.48	1968
1969	1.69	1.74	2.07	2.13	1.35	0.784	0.562	0.554	0.499	0.701	0.931	0.782	1.14	1969
1970	0.670	0.745	1.58	2.86	1.05	0.547	0.795	0.643	0.784	0.886	0.983	1.24	1.06	1970
1971	0.767	1.02	1.28	3.18	0.708	0.639	0.777	0.914	0.832	0.586	0.778	1.45	1.08	1971
1972	0.893	0.659	1.26	5.87	0.748	0.696	0.677	0.883	0.853	0.519	0.872	0.824	1.22	1972
1973	1.31	1.15	3.48	1.88	1.12	0.884	0.531	0.578	0.554	0.589	0.931	0.788	1.14	1973
1974	1.62	1.16	2.40	2.10	1.55	0.898	0.845	0.544	0.588	0.557	0.842	0.756	1.18	1974
1975	0.985	2.61	1.88	1.90	1.06	0.789	0.614	0.592	0.678	0.630	0.787	0.818	1.12	1975
1976	0.803	3.72	3.47	1.69	1.39	0.882	1.07	0.736	0.735	0.712	0.889	0.545	1.36	1976
1977	0.456	0.528	3.02	1.34	0.704	0.632	0.648	0.728	1.25	1.38	2.20	2.29	1.27	1977
1978	1.67	0.390	2.33	4.18	1.89	0.803	0.606	0.701	0.831	0.858	0.843	0.827	1.36	1978
1979	0.898	0.800	4.76	2.41	1.48	0.715	0.631	0.854	0.864	0.884	1.15	1.85	1.43	1979
1980	1.08	0.452	3.48	2.96	0.883	0.822	1.10	0.724	0.831	1.02	0.956	1.26	1.31	1980
1981	0.578	4.80	1.16	1.13	1.03	0.778	0.673	1.21	1.22	1.52	1.35	0.928	1.34	1981
1982	0.880	0.714	3.46	2.77	0.822	1.43	0.878	0.758	0.859	0.890	1.69	1.86	1.43	1982
1983	1.36	1.85	1.86	2.15	1.81	0.804	0.572	0.641	0.889	0.918	1.42	1.51	1.31	1983
1984	0.827	4.32	3.49	2.58	1.51	0.731	0.825	0.840	0.901	0.745	1.07	1.11	1.53	1984
1985	0.830	2.94	2.88	2.13	1.07	0.834	0.710	0.742	0.731	0.907	2.37	1.15	1.43	1985
1986	1.69	1.23	3.76	1.33	0.885	0.974	0.799	2.32	2.88	1.47	1.14	1.88	1.68	1986
1987	0.928	0.887	3.81	1.72	0.803	0.888	0.788	0.898	0.780	0.845	1.27	1.45	1.23	1987
1988	1.48	2.34	4.88	1.57	0.988	0.814	0.530	0.543	0.889	0.884	0.892	1.11	1.38	1988
MEAN	1.01	1.62	2.88	2.17	1.09	0.770	0.703	0.744	0.798	0.880	1.15	1.21	1.26	MEAN

LOCATION - LAT 43 53 30 N, LONG 78 03 33 W
DRAINAGE AREA, 93.6 km^2
NATURAL FLOW

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	8.858 ON MAR 25	0.439RB ON JAN 23	24 800	1983
1984	10.7 AT 11:30 EST ON JUL 13	8.71 ON JUL 13	0.364 ON AUG 2	24 500	1984
1985	28.9 AT 18:30 EST ON APR 7	25.1 B ON FEB 10	0.312RB ON JAN 15	38 800	1985
1986	10.6 AT 08:15 EST ON MAY 19	8.508 ON MAR 1	0.275 ON JUL 22 *	28 400	1986
1987	31.1 AT 02:45 EST ON APR 3	10.9 ON APR 3	0.419 ON JUL 18	40 300	1987
1988	51.88 AT 18:10 EST ON FEB 2	21.0 B ON FEB 2	0.402 ON AUG 5	46 000	1988
1989	23.4 AT 15:14 EST ON APR 18	10.7 ON APR 18	0.379 ON SEP 2	38 100	1989
1970	15.7 AT 13:42 EST ON APR 20	7.08 ON APR 20	0.453 ON AUG 11	33 500	1970
1971	20.1 AT 18:58 EST ON APR 2	15.7 ON APR 2	0.438 ON AUG 20	34 200	1971
1972	38.0 AT 18:10 EST ON APR 11	26.4 ON APR 13	0.3888 ON FEB 20	38 700	1972
1973	37.1 AT 17:25 EST ON MAR 11	12.9 ON MAR 11	0.3808 ON DEC 18	38 000	1973
1974	30.6 AT 05:18 EST ON APR 4	18.8 B ON MAR 8	0.4818 ON JAN 18	38 700	1974
1975	85.78 AT 21:19 EST ON FEB 24	26.3 B ON FEB 24	0.504 ON AUG 20	35 200	1975
1976	31.4 AT 05:10 EST ON MAR 21	19.1 ON MAR 21	0.4258 ON DEC 31	43 000	1976
1977	37.1 AT 08:15 EST ON MAR 13	17.8 ON MAR 13	0.3748 ON FEB 3	40 100	1977
1978	36.5 AT 18:38 EST ON MAY 14	18.9 ON APR 7	0.3288 ON MAR 12	43 000	1978
1979	27.6 AT 08:20 EST ON MAR 14	18.8 ON MAR 8	0.522 ON JUL 23	45 000	1979
1980	113 AT 15:30 EST ON MAR 21 *	26.0 B ON MAR 21	0.3208 ON MAR 15	41 400	1980
1981	---	29.0 B ON FEB 20	0.506 ON JUL 14	42 200	1981
1982	48.3E AT 17:20 EST ON MAR 31	23.5 E ON MAR 31	0.578 ON AUG 18	45 100	1982
1983	26.2 AT 11:02 EST ON MAR 19	13.5 ON MAR 18	0.461 ON JUL 18	41 300	1983
1984	---	49.5 B ON FEB 14 *	0.515 ON JUL 25	48 400	1984
1985	---	31.0 B ON FEB 24	0.526 ON AUG 4	45 000	1985
1986	83.1 AT 20:11 EST ON AUG 15	22.0 ON SEP 11	0.526 ON JUL 11	53 400	1986
1987	---	20.0 B ON MAR 2	0.539 ON AUG 24	38 800	1987
1988	---	24.3 B ON MAR 10	0.3888 ON JAN 17	43 100	1988
				39 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

DUFFINS CREEK AT PICKERING - STATION NO. 02HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	2.89	2.39	---	---	1945
1946	---	---	12.3	1.88	1.82	1.48	1.20	1.18	1.35	1.61	1.88	2.57	---	1946
1947	1.00	---	---	9.64	3.36	4.58	2.86	2.37	1.85	1.94	2.18	4.24	---	1947
1948	1.26	---	15.4	3.31	2.30	1.27	0.595	0.502	0.821	1.30	1.75	1.53	---	1948
1949	8.83	15.3	13.2	3.38	1.06	0.850	0.552	0.738	1.08	1.84	1.47	2.12	3.92	1949
1950	2.82	0.880	7.34	7.74	2.30	1.82	2.06	1.85	1.53	2.08	2.81	2.88	2.85	1950
1951	3.24	5.80	8.08	7.93	2.31	1.85	2.97	0.898	1.20	1.67	2.86	1.88	3.37	1951
1952	3.88	5.83	8.94	8.74	2.84	1.48	1.32	1.48	1.59	1.85	2.86	2.38	3.44	1952
1953	2.70	3.19	5.94	2.25	3.58	1.88	0.513	0.434	0.482	1.19	1.42	1.84	2.11	1953
1954	2.33	10.8	8.23	8.38	1.81	1.45	0.958	1.31	1.78	8.48	3.92	3.78	4.04	1954
1955	3.48	4.70	8.34	4.00	1.87	1.08	0.834	1.10	0.881	2.34	2.87	1.87	2.88	1955
1956	2.00	1.78	15.1	12.7	3.54	2.28	2.01	0.880	0.824	1.34	1.48	2.29	3.86	1956
1957	2.87	4.62	4.72	3.80	2.13	2.46	1.11	1.07	1.43	1.42	1.78	5.06	2.86	1957
1958	1.33	2.38	7.88	3.26	1.73	1.29	1.05	1.12	1.82	1.80	1.77	1.28	2.18	1958
1959	1.40	1.48	8.87	8.18	2.67	1.14	1.11	1.12	1.35	1.89	1.84	2.35	2.58	1959
1960	1.80	1.62	2.81	12.7	9.19	2.07	1.35	1.35	0.932	1.18	1.77	1.77	3.19	1960
1961	1.51	3.87	2.88	4.48	2.82	1.87	1.50	1.78	1.11	1.01	1.85	1.28	2.14	1961
1962	1.14	0.941	5.32	2.85	1.28	1.04	0.945	0.892	0.858	1.34	2.02	1.30	1.83	1962
1963	1.23	1.12	5.26	2.87	3.02	1.03	0.858	1.08	1.02	0.886	1.37	1.07	1.72	1963
1964	1.64	1.41	3.80	2.87	1.53	0.834	1.58	1.85	0.858	0.987	1.31	2.23	1.88	1964
1965	1.26	5.03	4.46	5.52	1.45	0.881	1.19	0.821	1.05	2.29	3.81	4.12	2.82	1965
1966	1.42	1.98	4.82	3.42	2.29	1.46	0.823	0.887	1.05	0.983	2.20	2.82	2.02	1966
1967	2.18	1.76	5.49	5.78	2.17	2.24	2.33	2.33	1.35	2.62	2.80	3.78	2.91	1967
1968	2.58	8.70	10.9	3.11	2.54	1.55	0.947	1.02	1.22	1.22	2.12	2.32	3.18	1968
1969	3.78	2.18	8.23	5.55	3.27	1.53	0.930	0.888	0.731	1.12	1.77	1.42	2.46	1969
1970	1.20	1.35	4.36	5.85	2.48	1.01	1.34	1.07	1.28	1.57	2.22	2.41	2.18	1970
1971	2.08	3.13	4.25	8.06	1.83	1.24	1.42	1.77	1.77	1.37	1.73	4.80	2.74	1971
1972	2.15	1.73	4.52	14.7	2.51	1.84	1.26	1.24	---	---	---	---	---	1972
1973	---	---	---	---	3.08	1.88	1.05	1.28	1.15	1.59	2.79	2.30	---	1973
1974	3.78	2.66	5.84	5.31	4.20	1.88	1.73	0.911	0.888	1.21	1.86	1.80	2.83	1974
1975	2.13	5.52	4.73	5.01	2.43	1.44	0.978	1.02	1.18	1.18	1.84	1.83	2.38	1975
1976	1.78	6.83	9.15	4.10	3.54	1.88	2.28	1.82	1.59	1.78	1.88	1.11	3.10	1976
1977	0.910	1.20	7.86	3.38	1.38	1.20	1.45	1.38	3.20	3.03	4.70	5.18	2.92	1977
1981	---	---	---	---	---	1.50	1.10	2.48	2.78	3.82	3.18	1.88	---	1981
1982	1.83	1.47	8.28	7.77	2.88	3.62	2.21	1.44	1.88	1.81	3.78	5.00	3.56	1982
1983	2.83	4.31	4.86	5.62	4.80	1.78	1.03	1.24	1.83	2.10	3.74	3.93	3.18	1983
1984	1.72	8.89	8.89	7.71	4.11	1.88	1.58	1.12	1.73	1.30	2.18	2.08	3.80	1984
1985	1.42	5.18	8.05	5.71	2.18	1.57	1.18	1.50	1.82	2.04	6.31	2.78	3.38	1985
1986	4.08	2.82	10.1	3.42	1.98	2.17	1.42	4.98	9.07	4.23	2.75	4.18	4.28	1986
1987	2.47	1.85	8.41	5.08	1.84	1.58	1.45	1.18	1.38	1.55	2.78	3.81	2.84	1987
1988	2.15	2.58	4.88	4.10	2.08	0.847	0.878	1.04	1.27	1.74	2.10	1.78	2.08	1988
MEAN	2.26	3.85	7.36	5.87	2.88	1.84	1.34	1.38	1.58	1.87	2.42	2.83	2.83	MEAN

LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km^2
REGULATED

REMARKS - MISC. RECORDS FOR 1978-80

DUFFINS CREEK AT PICKERING - STATION NO. 02HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	83.1 ON MAR 7	---	---	1947
1948	---	58.4 ON MAR 25	0.8788 ON JAN 28	---	1948
1949	---	98.3 ON MAR 19	0.170 ON AUG 1	---	1949
1950	---	51.3 RB ON FEB 15	0.340 ON JUL 8	123 000	1950
1951	---	83.4 ON APR 4	0.8808 ON FEB 1	93 300	1951
1952	---	51.5 ON APR 12	0.823 ON AUG 19	108 000	1952
1953	---	64.0 RB ON MAR 11	0.510 ON AUG 31	109 000	1953
1954	---	43.0 ON MAR 4	0 ON AUG 31 *	88 400	1954
1955	---	80.8 ON MAR 25	0.823 ON JUL 18	128 000	1955
1956	---	9.348 ON MAR 1	0.8348 ON JUL 1	90 900	1956
1957	---	83.7 ON APR 4	0.340 ON JUL 21	122 000	1957
1958	---	68.8 B ON FEB 26	0.568 ON JUL 25	84 400	1958
1959	---	21.0 B ON FEB 28	0.638 ON AUG 17	58 300	1959
1960	101 AT 20:00 EST ON MAY 9	61.2 ON APR 1	0.595 ON JUL 30	81 500	1960
1961	28.2 AT 16:30 EST ON APR 16	59.5 ON MAY 8	0.793 ON SEP 16	101 000	1961
1962	54.88 AT 20:15 EST ON MAR 23	19.1 RB ON FEB 23	0.4388 ON JAN 31	87 400	1962
1963	80.9 AT 12:30 EST ON MAR 25	12.9 B ON MAR 25	0.481 ON AUG 27	51 400	1963
1964	39.8 AT 09:30 EST ON DEC 25	33.1 ON MAR 25	0.572 ON JUL 7	54 400	1964
1965	97.1 AT 14:15 EST ON FEB 10	17.0 ON DEC 25	0.527 ON AUG 10	53 000	1965
1966	33.48 AT 17:30 EST ON MAR 1	54.7 ON FEB 10	0.595 ON AUG 15	82 800	1966
1967	62.3 AT 03:45 EST ON APR 3	19.8 B ON MAR 1	0.436 ON JUL 17	63 700	1967
1968	99.7 AT 18:15 EST ON FEB 2	28.2 ON APR 3	0.651 ON SEP 20	81 700	1968
1969	44.5 AT 17:34 EST ON APR 16	60.3 ON FEB 3	0.572 ON AUG 15	100 000	1969
1970	25.2 AT 14:52 EST ON APR 20	23.9 ON APR 18	0.589 ON SEP 6	77 500	1970
1971	45.3 AT 21:06 EST ON APR 2	12.5 ON APR 3	0.885 ON AUG 8	88 800	1971
1972	74.5 AT 20:14 EST ON APR 11	39.1 ON APR 2	0.803 ON AUG 20	86 400	1972
1973	---	58.6 ON APR 13	---	---	1973
1974	---	---	---	---	1974
1975	104 AT 00:47 EST ON FEB 25	42.5 B ON MAR 5	0.891 ON AUG 21	82 900	1975
1976	60.3 AT 09:52 EST ON MAR 21	53.8 B ON FEB 24	0.888 ON AUG 20	75 400	1976
1977	71.4 AT 09:45 EST ON MAR 13	47.6 ON MAR 21	0.6388 ON DEC 13	86 000	1977
1981	---	43.0 ON MAR 13	0.7998 ON JAN 27	82 200	1981
1982	107 AT 20:22 EST ON MAR 31 *	---	0.710 ON JUL 15	---	1982
1983	57.7 AT 13:26 EST ON MAR 19	55.7 ON MAR 31	1.00 ON JUL 14	112 000	1983
1984	---	33.2 ON MAR 19	0.761 ON JUL 27	99 500	1984
1985	---	114 B ON FEB 14 *	0.758 ON AUG 27	114 000	1985
1986	89.7 AT 05:28 EST ON AUG 27	54.0 B ON FEB 24	0.738 ON AUG 13	107 000	1986
1987	---	43.8 ON SEP 11	0.881 ON JUL 11	134 000	1987
1988	---	35.0 B ON MAR 2	0.855 ON AUG 24	89 700	1988
		20.0 B ON MAR 24	0.423 ON JUL 8	85 900	
				89 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

EAGLE RIVER AT EAGLE RIVER - STATION NO. 02CD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	5.46	5.72	8.83	22.8	22.5	15.5	11.2	11.8	10.2	9.39	---	1914
1915	8.49	7.76	7.49	8.02	16.2	18.6	20.0	13.5	9.31	8.44	8.30	9.07	11.3	1915
1916	10.1	10.8	9.71	13.3	45.2	64.7	35.9	28.1	23.1	20.7	16.3	14.7	23.8	1916
1917	14.1	12.6	11.6	10.6	15.7	13.0	10.9	11.1	8.78	7.05	7.60	7.93	10.9	1917
1918	8.25	8.05	7.83	8.59	14.7	16.1	14.6	12.5	8.49	8.13	7.22	7.98	10.1	1918
1919	7.38	7.16	7.07	8.81	12.0	17.4	47.8	41.7	35.0	29.8	23.7	18.5	21.6	1919
1920	14.8	12.4	10.3	11.8	23.7	31.8	21.1	10.7	5.88	---	---	---	---	1920
1970	---	---	---	---	---	---	18.1	17.7	17.3	17.8	17.8	17.8	---	1970
1971	17.8	17.8	17.8	27.1	28.6	27.1	27.5	18.0	18.0	44.0	88.9	35.7	29.2	1971
1972	21.3	18.1	18.0	25.1	17.8	17.0	17.8	17.7	18.8	17.5	17.1	14.2	18.3	1972
1973	14.8	14.2	13.8	11.8	12.0	11.8	11.9	13.0	11.2	14.7	17.8	17.8	13.8	1973
1974	17.8	16.0	15.2	16.0	41.7	88.0	18.7	20.4	20.2	18.4	18.1	17.8	23.7	1974
1975	17.8	17.8	17.8	17.8	16.8	24.0	18.1	18.1	17.0	17.8	17.1	14.4	17.8	1975
1976	14.5	14.8	14.5	17.8	17.0	18.0	18.2	8.14	3.85	9.89	12.0	10.8	12.7	1976
1977	10.5	10.5	10.5	10.4	10.5	11.7	11.4	11.2	3.51	9.87	8.25	8.26	9.72	1977
1978	9.15	15.1	15.0	14.9	14.5	15.8	13.8	16.9	16.7	16.5	17.8	15.8	15.1	1978
1979	14.8	13.8	16.8	15.5	17.0	15.6	16.3	16.1	13.1	11.1	8.89	14.2	14.3	1979
1980	14.3	14.2	14.2	15.8	7.58	2.23	1.70	1.70	1.70	2.58	8.19	8.87	7.58	1980
1981	7.28	7.28	7.04	2.30	1.98	1.98	3.85	1.98	1.98	2.79	10.1	10.2	4.89	1981
1982	12.2	14.3	14.8	14.3	16.4	17.8	42.2	22.8	17.9	17.8	17.8	17.8	16.8	1982
1983	17.8	17.8	17.7	17.8	17.1	17.4	17.1	13.8	17.9	17.4	10.1	9.36	15.8	1983
1984	9.26	8.90	7.98	8.69	---	---	---	---	---	---	15.1	15.1	---	1984
1985	16.1	16.1	15.0	8.57	45.6	51.3	15.1	16.9	19.8	40.5	18.1	17.8	23.6	1985
1986	17.8	17.8	17.8	17.2	17.8	17.8	17.8	17.8	14.1	12.3 R	8.78R	8.70R	15.4 R	1986
1987	81.5	87.0	103	124	91.4	91.4	82.3	82.3	75.8	75.8	73.2	71.6	88.1	1987
1988	6.85	6.88	6.85	8.87	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	4.88	1988
MEAN	16.4	16.5	16.1	17.4	21.4	24.2	21.0	18.0	16.9	16.1 R	17.8 R	15.8 R	18.7 R	MEAN

LOCATION - LAT 49 47 20 N
LONG 93 11 40 W

DRAINAGE AREA, 2 510 km^2
REGULATED SINCE 1920

DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED

R - REVISED SINCE JAN 01 1987

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	28.1 ON JUN 17	---	---	1914
1915	---	21.9 ON JUL 1	8.94 ON APR 3	388 000	1915
1916	---	84.0 ON JUN 8	8.95 ON APR 9	745 000	1916
1917	---	17.6 ON MAY 17	6.00 ON OCT 14	344 000	1917
1918	---	17.1 ON JUN 1	5.44 ON OCT 25	320 000	1918
1919	---	51.3 ON JUL 13	6.82 ON FEB 18	877 000	1919
1920	---	34.8 ON JUN 12	---	---	1920
1970	---	---	---	---	1970
1971	---	85.8 ON NOV 3	9.08 ON JUL 1	920 000	1971
1972	---	43.3 ON JAN 1	2.83 ON JUN 19	580 000	1972
1973	---	18.1 ON OCT 19	6.09 ON JUL 7	431 000	1973
1974	---	90.6 ON JUN 8	11.5 ON APR 25	748 000	1974
1975	---	33.4 ON JUN 8	1.47 ON MAY 9	582 000	1975
1976	---	22.3 ON APR 15	0 ON AUG 19 *	402 000	1976
1977	---	17.7 ON JUN 20	0 ON SEP 10	307 000	1977
1978	---	18.7 ON SEP 16	0 ON JUL 10	476 000	1978
1979	---	18.4 ON JUL 25	0 ON SEP 4	452 000	1979
1980	---	22.9 ON APR 22	0 ON DEC 6	239 000	1980
1981	---	16.4 ON JUL 21	1.98 ON APR 7	154 000	1981
1982	---	49.8 ON JUL 5	9.91 ON JAN 4	596 000	1982
1983	---	18.7 ON AUG 31	9.20 ON DEC 19	500 000	1983
1984	---	---	---	---	1984
1985	---	100 ON MAY 1	0 E ON APR 16	745 000	1985
1986	---	19.5 ON AUG 8	7.93 ON SEP 17	486 000R	1986
1987	---	134 ON APR 1 *	0 ON JAN 13	2 780 000	1987
1988	---	7.78 ON APR 1	3.82 ON APR 15	148 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		890 000R	MEAN

E - ESTIMATED R - REVISED SINCE JAN 01 1987

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.137	0.305	5.53	0.715	0.056	0.017	0.001	0.008	0.087	0.058	0.184	0.881	1970
1971	0.177	0.100	0.094	6.44	0.804	0.132	0.007	0.034	0.127	0.086	0.218	1.03	0.767	1971
1972	0.387	0.084	0.155	8.86	1.38	0.890	1.85	1.38	0.081	1.36	1.78	0.843	1.42	1972
1973	2.34	0.855	4.74	2.02	1.19	0.827	0.115	0.804	0.047	0.487	0.529	0.874	1.23	1973
1974	1.62	1.55	4.35	8.06	1.80	0.484	0.069	0.384	0.112	0.065	0.826	1.36	1.48	1974
1975	0.583	0.303	1.79	5.10	0.441	0.120	0.028	0.012	0.259	1.20	1.43	1.54	1.07	1975
1976	0.214	1.34	4.86	2.83	1.32	0.184	0.029	0.006	0.032	0.338	0.481	0.190	0.881	1976
1977	0.074	0.036	4.59	1.86	0.238	0.027	0.018	0.007	0.884	2.12	1.37	1.34	1.06	1977
1978	1.20	0.671	0.711	7.48	0.485	0.065	0.002	0.006	0.008	0.004	0.026	0.030	0.879	1978
1979	---	---	---	2.48	0.475	0.154	0.018	0.023	1.30	0.831	1.28	---	---	1979
1980	---	---	---	2.70	0.881	0.078	0.018	0.023	0.485	0.774	1.24	---	---	1980
1981	---	---	0.888	1.18	1.05	1.81	0.258	0.840	0.787	1.44	1.84	---	---	1981
1982	---	---	---	4.04	0.370	0.102	0.018	0.080	0.089	0.172	0.858	---	---	1982
1983	---	---	---	3.18	2.18	0.300	0.018	0.004	0	0.024	1.50	---	---	1983
1984	---	---	---	3.78	0.938	0.181	0.021	0.058	0.032	0.034	0.329	---	---	1984
1985	---	---	---	2.47	0.224	0.118	0.027	0.003	0.020	0.080	0.424	---	---	1985
1986	---	---	---	1.37	0.708	0.124	0.145	0.226	0.898	1.21	0.948	---	---	1986
1987	---	---	---	1.41	0.212	0.803	0.330	0.070	0.067	0.278	0.706	---	---	1987
1988	---	---	---	1.79	0.560	0.093	0.072	0.005	0.002	0.285	1.68	---	---	1988
MEAN	0.732	0.562	2.27	3.55	0.829	0.342	0.160	0.213	0.278	0.578	0.918	0.130	1.05	MEAN

LOCATION - LAT 45 22 11 N DRAINAGE AREA, 78.7 km^2
LONG 74 54 00 W NATURAL FLOW

REMARKS - SEASONAL MAY-DEC.

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 17:59 EST ON APR 13	14.7 ON APR 13	0 ON AUG 8 *	18 600	1970
1971	17.6 AT 19:05 EST ON APR 20	16.3 ON APR 20	0.001 ON JUL 23	24 200	1971
1972	---	14.7 ON APR 19	0.0248 ON FEB 11	44 800	1972
1973	---	10.0 B ON MAR 17	0.025 ON SEP 16	38 400	1973
1974	---	19.8 B ON MAR 8	0.010 ON AUG 28	46 100	1974
1975	28.9 AT 13:45 EST ON APR 19 *	20.6 ON APR 19	0 ON JUL 17	33 600	1975
1976	---	17.0 B ON MAR 28	0.001 ON AUG 7	31 400	1976
1977	---	17.3 B ON MAR 14	0.002 ON JUL 27	33 300	1977
1978	---	23.6 ON APR 16	0 ON JUL 8	27 800	1978
1979	19.2 AT 19:20 EST ON SEP 14	17.0 B ON MAR 25	0 ON JUL 21	---	1979
1980	---	13.0 B ON MAR 22	0 ON AUG 25	---	1980
1981	---	28.6 B ON FEB 21 *	0.043 ON AUG 4	---	1981
1982	---	16.6 B ON APR 1	0.001 ON AUG 21	---	1982
1983	---	11.5 ON MAR 20	0 ON AUG 17	---	1983
1984	15.2 AT 04:30 EST ON APR 5	14.0 ON APR 5	0 ON AUG 3	---	1984
1985	---	13.0 B ON MAR 13	0 ON JUL 25	---	1985
1986	---	---	---	---	1986
1987	---	20.0 B ON MAR 25	0.003 ON SEP 5	---	1987
1988	---	7.688 ON MAR 27	0 ON AUG 12	---	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 200	MEAN

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02EA035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.052	0.131	0.209	0.347	0.418	---	1970
1971	0.202	0.270	0.368	1.58	0.184	0.142	0.154	0.099	0.072	0.087	0.096	0.285	0.288	1971
1972	0.224	0.089	0.268	1.93	0.165	0.147	0.072	0.051	0.071	0.184	0.305	0.341	0.321	1972
1973	0.366	0.320	1.84	0.437	0.369	0.124	0.069	0.094	0.075	0.087	0.303	0.212	0.343	1973
1974	0.437	0.184	1.05	0.947	0.949	0.182	0.115	0.074	0.079	0.083	0.152	0.111	0.384	1974
1975	0.208	0.359	0.573	1.15	0.220	0.219	0.089	0.144	0.184	0.141	0.183	0.304	0.314	1975
1976	0.185	0.542	1.56	0.827	0.387	0.281	0.182	0.130	0.148	0.183	0.197	0.118	0.385	1976
1977	0.087	0.094	1.13	0.344	0.129	0.113	0.122	0.118	0.244	0.338	0.338	0.312	0.281	1977
1978	0.159	0.108	0.252	1.68	0.285	0.126	0.083	0.080	0.150	0.139	0.148	0.161	0.281	1978
1979	0.130	0.070	1.46	0.953	0.257	0.110	0.081	0.084	0.088	0.108	0.301	0.473	0.345	1979
1980	0.224	0.098	1.01	0.585	0.209	0.171	0.128	0.150	0.185	0.249	0.190	0.332	0.286	1980
1981	0.100	1.16	0.323	0.289	0.189	0.113	0.088	0.128	0.240	0.357	0.276	0.196	0.283	1981
1982	0.139	0.084	0.832	1.16	0.158	0.187	0.095	0.133	0.213	0.188	0.709	0.900	0.386	1982
1983	0.254	0.401	0.420	0.551	0.718	0.179	0.080	0.104	0.110	0.149	0.191	0.321	0.280	1983
1984	0.104	0.986	0.705	0.476	0.181	0.178	0.094	0.087	0.123	0.089	0.250	0.578	0.317	1984
MEAN	0.200	0.337	0.828	0.906	0.311	0.181	0.112	0.103	0.140	0.175	0.288	0.338	0.322	MEAN

LOCATION - LAT 43 39 04 N
LONG 80 34 20 W
DRAINAGE AREA, 27.7 km²
NATURAL FLOW

REMARKS - DISCONTINUED FEB 01 1985. NO DATA PLUBLISHED FOR 1985

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02EA035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	6.57 AT 19:31 EST ON APR 11	4.59 ON APR 13	0.057 ON AUG 21	9 090	1971
1972	21.2 AT 22:15 EST ON APR 16	7.50 ON APR 13	0.061 ON JUL 31	10 200	1972
1973	26.7 AT 13:49 EST ON MAR 11 *	7.33 ON MAR 11	0.054 ON SEP 2	10 800	1973
1974	---	13.2 E ON MAY 17	0.0428 ON FEB 18 *	11 500	1974
1975	20.0 AT 00:16 EST ON APR 19	7.22 ON APR 19	0.065 ON AUG 18	9 900	1975
1976	14.0 AT 02:22 EST ON MAR 21	8.24 ON MAR 21	0.0798 ON DEC 31	12 200	1976
1977	12.5 AT 03:57 EST ON MAR 13	6.21 ON MAR 13	0.0628 ON JAN 21	8 850	1977
1978	9.15 AT 03:06 EST ON APR 11	7.96 ON APR 11	0.082 ON AUG 13	8 880	1978
1979	13.1 AT 01:31 EST ON APR 14	8.12 ON APR 14	0.0598 ON FEB 17	10 900	1979
1980	20.0 AT 11:22 EST ON MAR 21	8.87 ON MAR 21	0.0818 ON MAR 12	9 350	1980
1981	8.92 AT 13:26 EST ON FEB 23	6.43 ON FEB 23	0.089 ON JUL 12	8 940	1981
1982	17.9 AT 16:06 EST ON MAR 31	13.3 ON MAR 31 *	0.0598 ON FEB 13	12 500	1982
1983	8.80 AT 18:55 EST ON MAY 2	4.01 ON MAY 2	0.075 ON SEP 15	8 150	1983
1984	---	4.82 ON DEC 29	0.0708 ON JAN 23	10 000	1984
				10 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0.027	0.013	8.21	3.94	0.818	0.329	0.082	0.076	0.677	0.607	1.39	2.92	1.40	1979
1980	1.08	0.048	5.81	4.69	0.858	0.178	0.081	0.048	0.182	0.858	1.20	1.88	1.41	1980
1981	0.092	8.08	1.58	1.61	1.41	1.26	0.744	2.05	3.28	3.29	2.58	0.648	2.16	1981
1982	0.450	0.113	2.59	11.6	0.503	0.290	0.121	0.101	0.098	0.237	1.11	4.28	1.81	1982
1983	1.22	1.54	3.80	8.77	2.83	0.265	0.052	0.018	0.012	0.074	2.26	2.83	1.72	1983
MEAN	0.570	1.98	4.02	5.56	1.25	0.464	0.218	0.459	0.838	0.853	1.71	2.48	1.70	MEAN

LOCATION - LAT 45 13 43 N
LONG 75 18 32 W
DRAINAGE AREA, 145 km²
NATURAL FLOW

REMARKS - DISCONTINUED DEC 31 1983

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	79.8 AT 01:01 EST ON MAR 25	64.5 ON MAR 25	0.0108 ON FEB 19	44 200	1979
1980	---	59.78 ON MAR 22	0.021 ON AUG 22	44 400	1980
1981	---	35.88 ON FEB 21	0.0628 ON FEB 1	88 200	1981
1982	84.8 AT 18:30 EST ON APR 2 *	78.08 ON APR 1 *	0.020 ON AUG 21	57 100	1982
1983	28.4 AT 14:07 EST ON MAR 19	21.8 ON MAR 19	0.001 ON SEP 10 *	54 400	1983
				53 700	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST NUMBER RIVER AT KING CREEK - STATION NO. 02HC032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.186	0.371	0.589	---	1965
1966	0.402	0.389	1.33	0.537	0.251	0.153	0.058	0.070	0.087	0.069	0.188	0.468	0.338	1966
1967	0.272	0.194	1.01	1.54	0.248	0.290	0.531	0.218	0.152	0.421	0.747	0.784	0.542	1967
1968	0.223	1.15	2.09	0.744	0.481	0.195	0.110	0.110	0.103	0.098	0.272	0.429	0.489	1968
1969	0.787	0.519	1.48	1.82	0.787	0.155	0.058	0.081	0.089	0.072	0.184	0.136	0.495	1969
1970	0.108	0.139	0.504	1.61	0.448	0.110	0.121	0.085	0.083	0.144	0.258	0.328	0.328	1970
1971	0.186	0.226	0.802	2.30	0.270	0.104	0.155	0.155	0.146	0.083	0.092	0.347	0.406	1971
1972	0.248	0.142	0.337	4.53	0.436	0.191	0.111	0.158	0.078	0.225	0.409	0.437	0.603	1972
1973	0.943	0.708	2.42	1.40	0.540	0.279	0.118	0.101	0.074	0.105	0.386	0.284	0.620	1973
1974	0.451	0.660	2.02	1.38	1.02	0.224	0.118	0.087	0.072	0.089	0.208	0.195	0.534	1974
1975	0.268	1.27	1.38	1.48	0.481	---	---	---	---	---	---	1.18	---	1975
1976	0.135	0.723	2.23	0.661	0.734	0.194	0.315	0.433	0.187	0.282	0.237	0.150	0.541	1976
1977	0.138	0.141	2.12	0.677	0.259	0.121	0.141	0.145	0.365	0.870	0.676	0.855	0.579	1977
1978	0.633	0.378	1.12	3.81	1.12	0.213	0.088	0.121	0.191	0.238	0.303	0.284	0.705	1978
1979	0.289	0.191	3.27	1.95	0.742	0.238	0.120	0.180	0.141	0.523	0.880	1.25	0.819	1979
1980	0.777	0.115	1.91	1.95	0.595	0.191	0.371	0.184	0.143	0.215	0.331	0.842	0.622	1980
1981	0.152	2.56	0.589	0.450	0.522	0.188	0.207	0.189	0.442	0.486	0.702	0.421	0.583	1981
1982	0.231	0.226	2.24	2.64	0.319	0.635	0.313	0.215	0.491	0.472	1.26	1.67	0.886	1982
1983	0.773	0.973	0.911	1.31	1.25	0.296	0.083	0.105	0.105	0.172	0.540	0.532	0.584	1983
1984	0.178	2.46	1.99	1.28	0.893	0.262	0.148	0.108	0.223	0.155	0.424	0.485	0.895	1984
1985	0.329	1.88	2.80	1.72	0.300	0.194	0.105	0.178	0.167	0.169	1.13	0.802	0.775	1985
1986	0.390	0.267	2.18	0.805	0.457	0.292	0.197	1.69	1.88	1.16	0.480	0.607	0.881	1986
1987	0.402	0.239	1.87	1.51	0.230	0.295	0.234	0.102	0.090	0.125	0.280	0.801	0.501	1987
1988	0.386	0.313	1.29	0.897	0.689	0.114	0.100	0.083	0.119	0.189	0.365	0.233	0.398	1988
MEAN	0.378	0.678	1.85	1.80	0.572	0.225	0.174	0.218	0.250	0.290	0.473	0.585	0.587	MEAN

LOCATION - LAT 43 54 10 N DRAINAGE AREA, 94.8 km²
LONG 79 36 46 W NATURAL FLOW

EAST NUMBER RIVER AT KING CREEK - STATION NO. 02HC032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	4.39 AT 17:46 EST ON MAR 13	3.91B ON MAR 1	0.045 ON JUN 27	10 700	1966
1967	12.0 AT 08:00 EST ON APR 3	8.58 ON APR 3	0.082 ON JUN 6	17 100	1967
1968	11.6 B AT 19:00 EST ON MAR 18	7.96B ON MAR 19	0.088 ON JUL 28	15 800	1968
1969	18.4 AT 00:28 EST ON MAR 21	10.5 ON MAR 21	0.034 ON JUL 2	15 800	1969
1970	---	4.84E ON APR 9	0.054 ON AUG 27	10 300	1970
1971	8.87 AT 00:46 EST ON APR 10	5.55 ON APR 10	0.054 ON AUG 20	12 800	1971
1972	19.7 E AT 22:00 EST ON APR 13	18.1 E ON APR 13	0.057 ON JUL 31	19 000	1972
1973	9.84 AT 21:42 EST ON MAR 11	6.51B ON FEB 3	0.057 ON SEP 18	18 500	1973
1974	---	13.0 B ON MAR 5	0.028 ON JUL 18 *	16 900	1974
1975	20.9 AT 21:29 EST ON FEB 24	11.6 ON FEB 24	---	---	1975
1976	16.1 AT 21:32 EST ON MAR 20	12.1 ON MAR 21	0.102 ON JUN 13	17 100	1976
1977	12.3 AT 13:56 EST ON MAR 13	9.97 ON MAR 13	0.062 ON JUN 14	18 300	1977
1978	14.6 AT 21:06 EST ON APR 7	12.1 ON APR 7	0.071 ON AUG 13	22 200	1978
1979	13.8 AT 12:04 EST ON MAR 14	10.5 ON MAR 14	0.068 ON JUL 30	25 800	1979
1980	16.4 AT 17:16 EST ON MAR 21	13.1 ON MAR 21	0.077 ON JUL 14	19 700	1980
1981	13.5 AT 02:45 EST ON FEB 19	11.6 ON FEB 19	0.073 ON JUL 18	17 800	1981
1982	24.2 AT 20:56 EST ON MAR 31	18.2 ON MAR 31	0.088 ON AUG 19	27 900	1982
1983	9.50 AT 11:51 EST ON FEB 3	7.03 ON FEB 3	0.061 ON JUL 27	18 400	1983
1984	23.6 AT 12:46 EST ON FEB 14	18.7 ON FEB 14 *	0.072 ON JUL 25	22 000	1984
1985	20.8 AT 23:47 EST ON FEB 24	13.5 B ON FEB 24	0.084E ON AUG 4	24 400	1985
1986	27.6 AT 18:11 EST ON AUG 15 *	14.3 ON MAR 19	0.078 ON JUL 16	27 800	1986
1987	13.1 AT 15:16 EST ON APR 5	10.0 ON APR 5	0.082 ON AUG 28	15 800	1987
1988	---	8.69 ON MAR 24	0.080 ON JUL 21	12 800	1988
				18 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST NUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.152	0.373	---	1953
1954	0.610	3.13	3.27	2.31	0.870	0.397	0.081	0.112	0.158	4.27	2.21	1.61	1.55	1954
1955	1.59	0.803	3.14	2.83	0.497	0.430	0.102	0.131	0.153	0.394	0.584	0.248	0.881	1955
1956	0.224	0.170	2.38	---	---	---	---	---	---	---	---	---	---	1956
MEAN	0.775	1.37	2.93	2.47	0.584	0.414	0.092	0.122	0.156	2.33	0.975	0.744	1.22	MEAN

LOCATION - LAT 43 52 10 N DRAINAGE AREA, 132 km²
LONG 79 38 05 W NATURAL FLOW

EAST NUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	35.4E ON OCT 18 *	0.057 ON JUL 15 *	48 900	1954
1955	---	13.1 ON APR 15	0.085 ON JUL 8	28 100	1955
1956	---	---	---	---	1956
		---	---	---	
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		38 500	MEAN

EAST NUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.295	0.404	0.619	---	1953
1954	0.889	3.19	3.38	2.71	0.982	0.738	0.368	0.315	0.372	5.52	1.95	2.18	1.96	1954
1955	1.61	2.29	4.29	3.22	0.483	0.266	0.144	0.434	0.453	0.598	0.830	0.496	1.25	1955
1956	0.507	0.358	3.19	4.34	2.85	1.41	2.51	1.85	1.47	1.05	0.938	1.36	1.83	1956
1957	1.80	3.34	3.30	2.60	1.34	1.09	0.556	0.270	0.327	0.546	0.510	1.34	1.40	1957
1958	0.389	0.417	2.80	1.18	0.310	0.265	0.261	0.205	0.254	0.242	0.280	0.255	0.557	1958
1959	0.227	0.198	1.84	5.74	0.674	0.325	0.236	0.260	0.241	0.275	0.492	0.607	0.824	1959
1960	0.364	0.839	0.637	7.18	4.83	0.886	0.357	0.264	0.187	0.240	0.378	0.430	1.37	1960
1961	0.312	1.66	2.58	2.13	1.15	0.653	0.275	0.238	0.212	0.215	0.278	0.312	0.826	1961
1962	0.170	0.137	3.24	1.06	0.278	0.180	0.157	0.128	0.206	0.342	0.720	0.521	0.598	1962
1963	0.198	0.188	3.71	1.27	1.43	0.318	0.156	0.213	0.177	0.150	0.271	0.266	0.703	1963
1964	0.467	0.152	2.09	1.13	0.551	0.201	0.185	0.278	0.183	0.179	0.217	0.506	0.514	1964
1965	0.323	2.66	2.36	3.12	0.630	0.180	0.176	0.150	0.154	0.351	0.888	0.894	0.959	1965
1966	0.781	0.963	2.86	1.14	0.778	0.318	0.117	0.121	0.133	0.158	0.284	0.816	0.706	1966
1967	0.558	0.513	2.14	2.92	0.697	0.680	1.11	0.384	0.322	0.651	1.36	1.51	1.07	1967
1968	0.576	2.28	7.30	1.76	0.855	0.436	0.270	0.245	0.281	0.270	0.588	1.18	1.35	1968
1969	1.26	1.16	4.90	3.28	1.84	0.428	0.228	0.201	0.154	0.216	0.405	0.200	1.17	1969
1970	0.345	0.478	1.56	3.33	0.811	0.276	0.261	0.236	0.253	0.343	0.521	0.606	0.750	1970
1971	0.445	0.482	2.07	4.82	0.533	0.257	0.324	0.348	0.287	0.225	0.324	0.658	0.895	1971
1972	0.500	0.344	0.932	9.52	0.787	0.422	0.274	0.312	0.198	0.453	0.837	0.773	1.27	1972
1973	2.38	1.50	5.29	2.87	1.26	0.556	0.272	0.234	0.190	0.288	0.643	0.580	1.32	1973
1974	1.50	1.34	4.84	2.67	2.22	0.488	0.263	0.148	0.156	0.229	0.467	0.392	1.23	1974
1975	0.677	2.50	2.47	2.85	0.936	0.262	0.162	0.128	0.191	0.212	0.257	0.263	0.904	1975
1976	0.288	1.84	4.86	1.72	1.43	0.400	0.710	0.812	0.385	0.539	0.441	0.270	1.15	1976
1977	0.229	0.327	5.03	1.32	0.450	0.281	0.314	0.300	0.785	1.84	1.62	1.85	1.20	1977
1978	1.15	0.552	2.44	5.45	2.40	0.488	0.247	0.329	0.407	0.456	0.554	0.572	1.50	1978
1979	0.718	0.459	7.23	3.34	1.48	0.525	0.275	0.334	0.288	0.824	1.49	2.50	1.84	1979
1980	1.31	0.345	4.41	4.34	1.46	0.518	0.737	0.418	0.328	0.484	0.807	1.08	1.34	1980
1981	0.288	5.62	1.18	0.884	1.10	0.437	0.458	0.417	0.808	1.18	1.51	1.03	1.23	1981
1982	0.718	0.308	5.85	4.90	0.777	1.74	0.565	0.424	0.828	0.787	2.55	3.68	1.94	1982
1983	1.61	2.12	2.10	2.87	2.78	0.844	0.242	0.288	0.278	0.428	0.898	0.835	1.28	1983
1984	0.347	5.27	4.29	2.54	1.33	0.538	0.373	0.295	0.550	0.438	0.877	0.883	1.47	1984
1985	0.743	3.63	5.49	3.82	0.784	0.545	0.338	0.584	0.548	0.498	2.43	1.18	1.78	1985
1986	0.642	0.589	4.71	1.54	1.04	0.784	0.621	3.58	5.04	2.44	1.08	1.40	1.88	1986
1987	0.881	0.576	4.06	3.51	0.536	0.548	0.597	0.336	0.341	0.406	0.811	1.27	1.17	1987
1988	0.703	0.885	2.82	1.84	1.28	0.318	0.231	0.212	0.330	0.418	0.842	0.485	0.882	1988
MEAN	0.751	1.42	3.51	3.20	1.23	0.526	0.411	0.436	0.488	0.889	0.811	0.948	1.20	MEAN

LOCATION - LAT 43 47 32 N LONG 79 35 06 W DRAINAGE AREA, 197 km^2 NATURAL FLOW

EAST HUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	83.3 E ON OCT 16 *	0.057 ON JUL 28	61 900	1954
1955	---	17.0 ON APR 15	0.028 ON JUN 30	39 400	1955
1956	---	24.6 ON MAY 12	0.2638 ON JAN 9	57 800	1956
1957	---	13.6 B ON FEB 27	0.227 ON AUG 5	44 300	1957
1958	---	4.96 ON MAR 25	0.170 ON AUG 15	17 800	1958
1959	35.7 AT 17:00 EST ON APR 1	31.1 ON APR 2	0.193 ON OCT 20	29 200	1959
1960	---	25.3 ON APR 4	0.164 ON SEP 7	43 400	1960
1961	---	7.288 ON FEB 24	0.0578 ON JAN 23	26 100	1961
1962	---	8.138 ON MAR 23	0.048 ON AUG 30	18 900	1962
1963	28.1 AT 00:30 EST ON MAR 26	18.2 ON MAR 26	0.051 ON AUG 7	22 200	1963
1964	---	5.688 ON MAR 15	0.008 ON AUG 7 *	16 300	1964
1965	---	34.0 B ON FEB 10	0.119 ON AUG 20	30 200	1965
1966	---	8.508 ON FEB 11	0.071 ON SEP 21	22 300	1966
1967	23.2 AT 06:30 EST ON APR 3	17.0 ON APR 3	0.133 ON OCT 8	33 900	1967
1968	25.4 AT 18:50 EST ON MAR 18	17.5 B ON FEB 2	0.1228 ON FEB 26	42 800	1968
1969	26.6 AT 10:31 EST ON MAR 21	21.5 ON MAR 18	0.130 ON SEP 4	37 000	1969
1970	11.3 AT 05:18 EST ON APR 9	10.1 ON APR 9	0.142 ON AUG 10	23 700	1970
1971	20.7 AT 09:05 EST ON APR 2	18.7 ON APR 2	0.110 ON AUG 9	28 300	1971
1972	48.0 AT 20:19 EST ON APR 13	38.5 ON APR 13	0.110 ON AUG 3	40 100	1972
1973	27.3 AT 23:01 EST ON MAR 11	14.9 ON MAR 12	0.127 ON SEP 12	41 700	1973
1974	80.6 AT 03:50 EST ON MAR 5 *	46.2 ON MAR 5	0.119 ON JUL 24	38 700	1974
1975	56.18 AT 23:49 EST ON FEB 24	30.6 ON FEB 25	0.082 ON AUG 19	28 500	1975
1976	40.6 AT 05:42 EST ON MAR 21	31.4 ON MAR 21	0.1848 ON JAN 23	36 400	1976
1977	23.2 AT 10:35 EST ON MAR 13	19.0 ON MAR 13	0.088 ON JUL 30	36 000	1977
1978	30.3 AT 22:23 EST ON APR 7	27.1 ON APR 7	0.170 ON JUL 29	47 300	1978
1979	31.7 AT 03:55 EST ON MAR 5	25.5 ON MAR 5	0.138 ON AUG 15	51 800	1979
1980	45.7 AT 17:37 EST ON MAR 21	30.1 ON MAR 21	0.178 ON JUL 14	42 300	1980
1981	31.1 AT 22:11 EST ON FEB 18	26.3 ON FEB 19	0.198 ON JUL 16	38 700	1981
1982	41.0 AT 03:55 EST ON APR 1	30.0 ON APR 1	0.238 ON JUL 16	60 900	1982
1983	18.1 AT 08:43 EST ON FEB 3	14.4 ON FEB 3	0.184 ON SEP 9	38 800	1983
1984	50.3 AT 18:58 EST ON FEB 14	40.0 B ON FEB 14	0.185 ON AUG 1	46 500	1984
1985	37.1 AT 02:44 EST ON FEB 25	29.4 ON FEB 25	0.187 ON AUG 4	58 100	1985
1986	44.7 AT 06:47 EST ON SEP 11	30.0 ON SEP 11	0.282 ON JUL 11	62 400	1986
1987	23.6 AT 13:46 EST ON APR 5	20.9 ON APR 5	0.213 ON AUG 24	36 900	1987
1988	---	11.4 ON MAR 26	0.148 ON JUL 15	27 200	1988
				38 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	3.19	5.21	2.51	3.32	---	0.828	0.380	0.145	0.372	0.595	0.744	1.73	---	1957
1958	0.270	0.748	3.85	0.678	0.150	0.102	0.073	0.021	0.092	0.130	0.185	0.058	0.531	1958
1959	0.081	0.328	3.59	5.87	0.518	0.086	0.089	0.048	0.017	0.130	0.279	1.06	1.09	1959
1960	1.06	1.22	3.71	5.77	5.54	0.788	0.193	0.651	0.041	0.086	0.223	0.075	1.81	1960
1961	0.038	3.02	3.26	3.63	1.20	0.666	0.338	0.361	0.128	0.077	0.181	0.279	1.08	1961
1962	0.141	0.325	5.12	1.20	0.230	0.229	0.070	0.047	0.076	0.573	2.57	1.21	0.988	1962
1963	0.247	0.078	6.02	1.04	1.05	0.204	0.070	0.117	0.045	0.026	0.087	0.108	0.788	1963
1964	0.785	0.192	3.48	2.36	0.880	0.078	0.123	0.303	0.057	0.076	0.137	0.498	0.749	1964
1965	1.05	4.44	3.88	5.64	0.559	0.087	0.105	0.084	0.050	0.248	0.914	2.24	1.65	1965
1966	0.784	2.81	5.80	1.20	0.708	0.304	0.010	0.018	0.018	0.047	0.315	2.12	1.18	1966
1967	1.38	1.41	8.38	4.84	0.818	0.587	0.980	0.161	0.143	0.557	0.826	2.90	1.86	1967
1968	0.282	4.74	7.10	1.07	0.791	0.400	0.380	0.476	0.665	0.311	2.29	0.783	1.59	1968
1969	5.85	0.665	7.00	4.98	2.49	0.287	0.734	1.81	0.111	0.197	0.819	0.278	2.10	1969
1970	0.313	1.08	4.38	4.67	1.06	0.233	0.180	0.121	0.247	0.404	1.03	2.26	1.33	1970
1971	0.838	0.844	5.94	4.88	0.411	0.313	0.254	0.248	0.184	0.153	0.147	0.532	1.21	1971
1972	1.32	0.342	4.19	8.99	0.650	0.456	0.547	0.358	0.228	1.10	2.58	2.53	1.93	1972
1973	2.88	2.48	10.8	2.47	0.842	0.289	0.210	0.188	0.158	0.422	3.07	2.21	2.17	1973
1974	5.11	2.46	5.28	4.08	5.93	0.606	0.291	0.203	0.212	0.189	0.293	0.318	2.17	1974
1975	0.707	3.43	3.71	3.11	1.50	0.372	0.173	0.228	0.314	0.289	0.395	1.07	1.26	1975
1976	0.888	9.88	8.80	3.58	2.75	0.409	0.480	0.285	0.450	0.387	0.400	0.254	2.32	1976
1977	0.161	0.373	8.27	3.21	0.377	0.256	0.218	0.261	2.22	2.82	2.27	5.80	2.21	1977
1978	0.878	0.371	7.48	7.20	1.76	0.318	0.216	0.228	0.413	0.306	0.357	0.498	1.88	1978
1979	1.11	0.638	8.67	5.85	1.78	0.585	0.231	0.271	0.266	0.335	0.578	4.67	2.09	1979
1980	1.22	0.242	3.59	5.12	0.938	0.323	0.233	0.188	0.226	0.390	0.378	0.693	1.13	1980
1981	0.118	5.78	0.832	0.620	0.371	0.233	0.244	0.444	1.86	2.83	2.14	0.726	1.32	1981
1982	0.482	0.238	9.43	4.50	0.481	1.74	0.368	0.353	0.896	0.598	2.60	5.51	2.26	1982
1983	1.48	2.75	3.28	4.06	2.78	0.455	0.211	0.300	0.256	0.310	0.725	2.12	1.55	1983
1984	0.291	5.84	5.27	3.25	1.27	0.597	0.334	0.191	0.273	0.179	0.354	0.825	1.55	1984
1985	0.601	4.89	5.91	3.46	0.378	0.282	0.285	0.705	0.878	0.514	7.40	1.86	2.58	1985
1986	1.21	0.384	9.78	1.88	1.03	0.524	0.575	0.428	7.04	3.88	2.03	4.89	2.80	1986
1987	1.33	0.812	4.64	5.10	0.327	0.234	0.613	0.218	0.278	0.283	0.898	2.83	1.47	1987
1988	1.24	1.45	2.90	1.82	0.567	0.184	0.121	0.100	0.180	0.188	0.571	0.418	0.808	1988
MEAN	1.17	2.21	5.84	3.88	1.28	0.418	0.283	0.278	0.880	0.877	1.18	1.87	1.89	MEAN

LOCATION - LAT 43 29 55 N DRAINAGE AREA, 199 km^2
LONG 79 48 40 W NATURAL FLOW

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	37.9 ON JAN 22	0 ON JUL 28 *	---	1957
1958	---	16.78 ON MAR 2	0 ON JUL 2	18 700	1958
1959	---	42.5 ON APR 1	0 ON JUN 21	34 300	1959
1960	---	50.78 ON MAR 31	0.011 ON JUL 16	57 100	1960
1961	---	19.5 ON APR 18	0 B ON JAN 29	34 200	1961
1962	---	45.3 ON NOV 10	0.008 ON JUL 19	31 100	1962
1963	---	30.0 ON MAR 25	0.0118 ON FEB 21	24 200	1963
1964	---	14.28 ON MAR 15	0.008 ON AUG 2	23 700	1964
1965	44.7 AT 08:00 EST ON APR 12	42.58 ON FEB 10	0.011 ON JUL 30	52 100	1965
1966	45.3 AT 12:00 EST ON MAR 5	32.0 ON MAR 5	0 ON JUL 21	37 200	1966
1967	71.4 AT 05:00 EST ON APR 3	36.8 ON APR 3	0.054 ON SEP 18	62 000	1967
1968	84.9 AT 19:10 EST ON FEB 2	69.1 ON FEB 2	0.076 ON NOV 28	50 400	1968
1969	104 AT 23:32 EST ON AUG 16	38.2 ON AUG 17	0.008 ON JUL 20	56 300	1969
1970	35.7 AT 20:23 EST ON APR 3	25.4 ON APR 3	0.028 ON AUG 12	42 000	1970
1971	53.2 AT 08:00 EST ON APR 2	39.1 ON APR 2	0.076 ON NOV 6	36 200	1971
1972	48.7 AT 17:16 EST ON APR 13	33.7 ON APR 13	0.138 ON JUL 13	61 100	1972
1973	68.0 AT 18:30 EST ON MAR 14	34.6 ON MAR 14	0.099 ON SEP 13	56 500	1973
1974	162 AT 01:17 EST ON MAY 17 *	62.7 ON MAY 17 *	0.116 ON OCT 28	58 500	1974
1975	68.2 AT 02:40 EST ON FEB 25	32.3 ON APR 18	0.098 ON AUG 1	38 700	1975
1976	71.9 AT 01:09 EST ON MAR 20	55.2 ON MAR 20	0.167 ON SEP 8	73 300	1976
1977	58.9 AT 00:15 EST ON MAR 10	39.1 ON MAR 13	0.102 ON JUL 24	59 900	1977
1978	58.6 AT 22:03 EST ON APR 1	42.58 ON MAR 21	0.133 ON JUL 18	52 900	1978
1979	82.3 AT 13:45 EST ON DEC 25	66.4 ON DEC 25	0.160 ON JUL 25	65 800	1979
1980	75.1 AT 02:50 EST ON APR 15	36.08 ON MAR 21	0.079 ON JUL 14	35 700	1980
1981	---	31.08 ON FEB 18	0.045 ON JUL 16	41 700	1981
1982	58.7 AT 21:09 EST ON DEC 25	44.5 ON MAR 31	0.133 ON JUL 27	71 900	1982
1983	35.3 AT 12:45 EST ON FEB 3	25.6 ON FEB 3	0.119 ON JUL 27	49 000	1983
1984	33.2 AT 16:25 EST ON APR 5	33.08 ON FEB 14	0.131 ON JUL 31	49 000	1984
1985	108 AT 22:59 EST ON FEB 24	51.9 ON FEB 25	0.115 ON JUL 30	61 300	1985
1986	80.7 AT 08:14 EST ON SEP 30	65.1 ON SEP 30	0.151 ON JUL 6	66 300	1986
1987	46.2 AT 11:32 EST ON APR 5	40.0 ON APR 5	0.113 ON AUG 21	46 200	1987
1988	---	13.2 ON MAR 25	0.042 ON AUG 11	25 500	1988
				50 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	7.60	8.85	8.88	8.16	7.59	10.6	---	1973
1974	6.67	7.98	8.22	41.3	23.6	8.28	4.30	5.25	4.07	11.9	17.7	8.93	12.0	1974
1975	5.95	4.26	5.72	26.5	19.7	4.22	3.28	4.18	5.27	4.83	5.87	13.2	8.88	1975
1976	4.38	4.55	24.8	37.6	12.9	4.31	4.79	3.83	3.48	2.33	2.83	4.00	9.13	1976
1977	2.00	1.82	14.4	30.4	5.85	1.85	1.82	3.53	6.02	9.46	13.7	6.18	8.28	1977
1978	5.35	3.43	3.07	25.8	23.4	5.12	2.74	5.17	7.78	9.01	8.31	7.24	9.05	1978
1979	5.23	3.88	23.1	38.7	19.4	8.89	3.42	4.18	8.58	11.6	20.0	14.1	13.1	1979
1980	9.84	4.83	14.2	49.0	9.89	11.1	7.08	6.05	7.88	18.0	18.3	8.01	13.1	1980
1981	4.17	17.1	12.5	35.8	11.0	6.07	4.01	7.80	46.5	18.9	7.24	6.58	14.8	1981
1982	5.36	3.77	5.02	42.6	13.2	7.11	4.18	4.83	7.78	8.12	18.3	28.5	12.2	1982
1983	16.2	7.87	15.0	20.3	30.9	9.81	2.82	2.05	5.85	7.88	10.5	8.20	11.5	1983
1984	3.80	16.7	11.0	38.1	22.6	13.0	5.57	5.89	7.28	7.22	14.5	14.0	13.3	1984
1985	11.5	5.75	15.1	60.1	21.0	5.31	7.51	8.25	13.0	13.2	17.8	12.3	15.9	1985
1986	5.81	3.98	14.7	39.4	14.4	11.0	5.25	4.86	8.15	12.8	8.87	6.28	11.0	1986
1987	3.71	2.78	11.3	27.0	4.96	4.20	1.83	2.86	3.85	4.48	6.82	11.0	7.01	1987
1988	5.08	7.98	8.88	47.8	13.1	2.84	1.01	4.79	5.78	13.5	18.4	7.44	11.1	1988
MEAN	6.34	6.44	12.4	37.4	16.4	6.68	4.27	5.02	6.87	9.83	11.8	10.1	11.3	MEAN

LOCATION - LAT 45 23 33 N DRAINAGE AREA, 593 km^2
LONG 79 09 33 W NATURAL FLOW

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	98.3 AT 00:42 EST ON APR 15	86.4 ON APR 15	2.14 ON SEP 10	378 000	1974
1975	78.7 AT 10:38 EST ON APR 26	75.9 ON APR 26	1.08 ON JUL 10	271 000	1975
1976	103 AT 22:41 EST ON APR 1	86.4 ON APR 1	1.59 ON OCT 30	288 000	1976
1977	84.8 AT 22:00 EST ON MAR 31	59.7 ON APR 1	1.28 ON JUL 29	280 000	1977
1978	88.7 AT 08:04 EST ON APR 29	86.2 ON APR 29	1.59 ON JUL 29	285 000	1978
1979	103 AT 08:07 EST ON MAR 26	99.7 ON MAR 26	2.48 ON JUL 24	413 000	1979
1980	150 AT 11:04 EST ON APR 10	147 ON APR 10	2.44 B ON MAR 10	415 000	1980
1981	159 AT 00:02 EST ON SEP 3	143 ON SEP 3	2.77 ON AUG 3	481 000	1981
1982	143 AT 14:53 EST ON APR 18	132 ON APR 18	2.19 ON AUG 12	388 000	1982
1983	85.8 AT 02:38 EST ON MAY 8	76.8 ON MAY 8	1.52 ON AUG 3	384 000	1983
1984	84.7 AT 22:45 EST ON APR 16	81.1 ON APR 17	1.75 ON AUG 12	422 000	1984
1985	172 AT 02:04 EST ON APR 26 *	168 ON APR 23 *	2.83 ON AUG 17	501 000	1985
1986	118 AT 14:31 EST ON APR 2	115 ON APR 2	2.56 ON AUG 18	345 000	1986
1987	85.0 AT 18:00 EST ON MAR 31	83.3 ON MAR 31	0.982 ON AUG 13	221 000	1987
1988	---	108 ON APR 7	0.887 ON JUL 18 *	352 000	1988
				358 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.003	---	1982
1983	0.002	0.002	0.004	0.007	0.007	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	1983
1984	0.002	0.002	0.002	0.007	0.004	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	1984
1985	0.002	0.002	0.003	0.007	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	1985
1986	0.001	0.001	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.002	1986
1987	0.001	0.001	0.003	0.005	0.002	0.002	0.001	0	0.001	0.001	0.001	0.001	0.002	1987
1988	0.001	0	0.001	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.002	0.001	0.003	0.006	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	MEAN

LOCATION - LAT 46 02 20 N
LONG 77 22 31 W

DRAINAGE AREA, .25 km²

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAIL. FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0.001 ON AUG 18	---	1982
1983	0.034 AT 18:00 EST ON MAY 7 *	0.029 ON MAY 7 *	0.002 ON JAN 1	99.6	1983
1984	0.027 AT 21:51 EST ON APR 5	0.018 ON APR 5	0.002E ON JAN 1	90.2	1984
1985	0.016 AT 02:50 EST ON APR 23	0.016 ON APR 23	0.001 ON AUG 10	85.9	1985
1986	0.021 AT 13:18 EST ON APR 1	0.015 ON APR 1	0.001 ON JAN 1	58.2	1986
1987	0.017 AT 18:18 EST ON MAR 30	0.014 ON MAR 30	0 ON JUN 22 *	46.3	1987
1988	---	---	0 ON JAN 5	---	1988
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	76.4	MEAN

E - ESTIMATED

EASTERN TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB020

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	0.003	0.005	0.001	0.003	0.004	0.007	---	---	1986
MEAN	---	---	---	---	---	0.003	0.005	0.001	0.003	0.004	0.007	---	---	MEAN

LOCATION - LAT 48 56 25 N
LONG 91 41 54 W

NATURAL FLOW

DATA CONTRIBUTED BY - ATOMIC ENERGY OF CANADA

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	7.84	9.74	5.38	---	1967
1968	3.35	3.85	3.67	5.23	1.80	1.15	1.58	1.88	1.43	1.46	1.37	2.23	2.39	1968
1969	1.75	2.23	2.74	8.88	9.71	3.51	2.82	3.03	2.28	1.13	3.03	2.40	3.84	1969
1970	1.23	1.10	1.09	8.22	3.38	1.61	3.13	2.58	2.27	1.58	2.74	2.87	2.58	1970
1971	1.77	1.29	1.85	11.1	6.86	1.25	1.63	2.12	0.983	2.35	2.13	2.89	2.98	1971
1972	2.31	2.01	1.92	8.41	9.33	8.32	4.29	2.88	2.70	2.85	5.49	4.08	4.59	1972
1973	5.18	3.87	5.78	10.8	4.81	2.04	2.04	0.871	1.58	2.48	3.02	4.01	4.12	1973
1974	3.55	3.25	3.81	11.0	11.1	1.18	1.98	2.13	1.81	2.80	4.13	3.28	4.13	1974
1975	2.38	1.80	4.58	9.87	5.55	0.805	1.10	2.02	1.14	1.30	0.815	2.43	2.84	1975
1976	2.05	2.43	9.05	11.6	3.98	1.80	2.37	2.29	2.09	1.82	2.02	1.13	3.84	1976
1977	0.817	0.858	4.84	4.40	1.03	1.67	0.851	1.08	1.88	2.81	4.05	3.88	2.35	1977
1978	3.50	2.07	1.78	9.83	8.52	1.20	1.13	2.00	2.71	2.85	3.58	3.17	3.52	1978
1979	3.08	1.88	7.28	12.3	5.21	2.48	2.15	1.62	1.90	3.78	5.01	6.77	4.47	1979
1980	4.18	0.750	4.28	10.2	3.31	1.88	1.07	2.03	3.08	2.97	3.30	3.12	3.33	1980
1981	1.80	8.08	3.93	7.42	3.61	1.82	1.82	1.83	2.98	4.20	3.58	2.58	3.56	1981
1982	1.67	1.24	1.78	11.8	3.03	4.18	1.11	1.95	2.51	2.28	6.30	10.1	4.01	1982
1983	4.78	1.97	3.82	5.84	11.8	2.59	2.08	1.54	1.73	0.921	1.68	2.40	3.41	1983
1984	1.38	4.89	4.88	11.0	4.44	1.84	1.19	2.14	2.78	0.988	2.04	3.37	3.39	1984
1985	5.29	3.31	7.10	14.3	3.45	2.07	1.71	2.01	5.20	4.55	5.15	4.74	4.98	1985
1986	2.84	1.96	5.36	6.87	4.63	3.40	3.08	1.34	6.12	8.07	3.98	3.08	4.23	1986
1987	2.02	1.81	4.10	8.62	1.79	1.52	1.69	2.82	1.18	1.18	2.28	5.70	2.88	1987
1988	2.82	2.73	3.20	8.22	3.80	1.69	1.93	1.58	1.06	1.03	3.04	2.02	2.74	1988
MEAN	2.75	2.53	4.26	9.38	5.26	2.27	1.94	1.98	2.33	2.75	3.82	3.71	3.81	MEAN

LOCATION - LAT 44 38 30 N
LONG 78 08 07 W

DRAINAGE AREA, 241 km²
REGULATED

EELS CREEK BELOW APSLEY - STATION NO. 02HN001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	14.2B ON MAR 31	0.837 ON JUN 18	75 800	1968
1969	24.0 AT 14:00 EST ON MAY 20	21.5 ON MAY 20	0.714 ON OCT 13	115 000	1969
1970	17.7 AT 02:00 EST ON APR 19	17.0 ON APR 19	0.830 ON OCT 10	83 800	1970
1971	24.0 AT 15:45 EST ON APR 20	23.2 ON APR 20	0.888 ON SEP 11	94 100	1971
1972	26.1 AT 18:10 EST ON JUN 29	24.6 ON JUN 29	1.31 ON OCT 20	145 000	1972
1973	28.3 AT 14:10 EST ON APR 3	27.7 ON APR 3	0.360 ON AUG 17	130 000	1973
1974	26.8 AT 04:15 EST ON MAY 16	26.5 ON MAY 16	0.513 ON JUL 13	130 000	1974
1975	26.8 AT 07:57 EST ON APR 21	25.2 ON APR 21	0.368 ON JUL 12	88 700	1975
1976	50.4 AT 02:03 EST ON APR 2 *	45.6 ON APR 2 *	0.886 ON JUN 15	112 000	1976
1977	---	12.8B ON MAR 17	0.246 ON AUG 31 *	73 900	1977
1978	19.0 AT 23:19 EST ON APR 21	18.4 ON APR 22	0.320 ON JUL 7	111 000	1978
1979	25.2 AT 08:05 EST ON APR 4	24.6 ON APR 4	0.653 ON SEP 12	141 000	1979
1980	---	18.5B ON MAR 23	0.480B ON MAR 15	105 000	1980
1981	41.1 AT 01:00 EST ON FEB 25	38.5B ON FEB 25	0.859 ON JUL 15	112 000	1981
1982	28.2 AT 02:07 EST ON APR 19	26.6 ON APR 19	0.822 ON JUL 27	126 000	1982
1983	22.1 AT 12:45 EST ON MAY 12	21.7 ON MAY 12	0.273 ON AUG 17	108 000	1983
1984	27.7 AT 09:27 EST ON APR 7	26.6 ON APR 7	0.689 ON OCT 31	107 000	1984
1985	24.4 AT 06:02 EST ON APR 19	23.8 ON APR 19	1.01 ON AUG 29	157 000	1985
1986	24.7 AT 11:18 EST ON APR 1	24.3 ON APR 1	0.958 ON SEP 3	134 000	1986
1987	26.1 AT 06:48 EST ON APR 7	25.3 ON APR 7	0.617 ON SEP 18	90 900	1987
1988	---	22.8 ON APR 5	0.372 ON SEP 28	88 800	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		111 000	MEAN

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	27.8	---	1967
1968	15.3	8.66	5.53	11.0	238	124	71.4	118	85.5	239	211	52.6	95.3	1968
1969	18.4	12.8	9.31	10.0	417	219	158	85.8	185	216	84.4	34.5	117	1969
1970	20.8	14.1	9.73	7.06	374	210	74.8	71.7	260	306	140	48.0	129	1970
1971	21.7	12.8	8.87	11.7	475	108	108	234	84.3	283	177	69.4	134	1971
1972	31.8	14.0	5.88	5.02	284	131	97.2	86.3	157	240	77.8	34.7	93.4	1972
1973	18.5	11.1	8.76	11.4	487	201	278	27.3	84.1	95.4	37.8	15.3	105	1973
1974	11.2	9.37	7.88	8.28	204	419	88.1	38.8	151	78.4	24.0	13.7	87.5	1974
1975	10.0	8.38	7.40	11.7	275	188	125	255	118	118	91.2	36.7	111	1975
1976	15.1	7.80	5.18	30.1	482	173	42.8	15.1	8.32	8.84	7.25	5.56	88.2	1976
1977	4.34	3.83	2.90	112	142	46.3	10.6	36.8	104	55.7	26.3	13.2	48.7	1977
1978	9.07	6.91	5.46	4.89	293	187	128	191	179	112	101	35.0	108	1978
1980	14.6	8.34	5.83	126	488	132	70.9	53.7	89.6	181	83.8	25.3	106	1980
1981	13.5	8.58	7.67	7.38	474	142	39.6	46.0	38.9	58.6	37.2	14.8	74.7	1981
1982	9.10	6.87	5.78	7.07	388	208	93.9	123	154	143	83.4	21.6	103	1982
1983	11.4	8.05	6.56	6.52	259	90.5	93.2	38.6	41.0	90.2	61.0	27.0	61.5	1983
1984	14.1	9.06	6.23	178	181	109	78.1	40.5	29.1	36.2	22.6	16.7	80.0	1984
1985	11.8	8.34	6.31	19.8	721	405	126	93.5	129	206	145	38.6	181	1985
1986	16.4	8.44	5.87	30.6	382	90.4	27.1	17.8	75.7	82.6	43.0	19.2	86.3	1986
1987	10.9	7.86	5.84	103	134	61.1	62.9	84.9	202	90.8	50.5	25.3	86.4	1987
1988	10.4	5.97	4.67	10.3	295	104	32.2	11.7	105	157	76.8	33.0	70.8	1988
MEAN	14.4	9.15	6.74	35.6	350	167	90.1	84.4	111	139	78.1	28.0	93.3	MEAN

LOCATION - LAT 53 48 30 N DRAINAGE AREA, 10 400 km^2
LONG 84 55 20 W NATURAL FLOW

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	521 ON OCT 27	5.18B ON MAR 21	3 040 000	1968
1969	---	760E ON MAY 13	6.62B ON APR 15	3 700 000	1969
1970	827 AT 18:30 EST ON MAY 20	821 ON MAY 20	5.40B ON APR 23	4 080 000	1970
1971	880 AT 02:00 EST ON MAY 11	877 ON MAY 11	7.83B ON APR 10	4 220 000	1971
1972	386 AT 18:00 EST ON MAY 18	384 ON MAY 18	4.39B ON MAR 31	2 850 000	1972
1973	1 140 AT 00:00 EST ON MAY 21	1 140 ON MAY 21	8.84B ON MAR 11	3 300 000	1973
1974	580 AT 21:00 EST ON JUN 20	575 ON JUN 20	5.80B ON APR 22	2 780 000	1974
1975	603 AT 15:52 EST ON AUG 15	600 ON AUG 15	6.57B ON APR 21	3 610 000	1975
1976	1 180B AT 00:01 EST ON MAY 15	678B ON MAY 14	4.59B ON APR 4	2 180 000	1976
1977	---	328E ON APR 25	2.63B ON APR 1 *	1 470 000	1977
1978	603 AT 14:30 EST ON MAY 18	597 ON MAY 18	4.45B ON APR 17	3 340 000	1978
1980	---	580E ON MAY 4	4.80B ON APR 8	3 340 000	1980
1981	---	1 000E ON MAY 15	7.00B ON APR 11	2 380 000	1981
1982	---	740E ON MAY 11	5.65B ON MAR 17	3 240 000	1982
1983	---	520E ON MAY 14	5.18B ON APR 12	1 940 000	1983
1984	---	550B ON APR 24	5.84B ON APR 7	1 900 000	1984
1985	1 330 AT 13:45 EST ON MAY 5 *	1 320 ON MAY 5 *	7.80B ON APR 10	5 070 000	1985
1986	---	623A ON MAY 15	5.63B ON MAR 28	2 080 000	1986
1987	---	310B ON APR 23	8.58B ON MAR 14	2 180 000	1987
1988	---	502B ON MAY 6	4.80B ON MAR 10	2 240 000	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	2 940 000	MEAN

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	5.07	9.13	7.21	7.95	---	1921
1922	6.52	4.86	5.84	87.2	50.4	7.37	6.22	4.06	4.26	5.86	6.86	5.06	16.2	1922
1923	3.76	3.42	3.51	27.8	33.5	8.26	6.02	4.89	12.0	7.52	3.36	1.53	8.86	1923
1924	1.88	2.05	2.40	27.7	28.6	4.51	2.86	2.87	3.24	2.86	5.31	4.99	7.51	1924
1925	2.76	2.49	4.46	38.6	15.9	12.7	7.02	5.16	3.48	---	---	---	---	1925
MEAN	3.76	3.21	4.00	45.3	32.4	8.46	6.06	4.20	5.81	6.33	5.66	4.89	11.2	MEAN

LOCATION - LAT 47 48 35 N DRAINAGE AREA, 958 km²
LONG 79 58 55 W REGULATED

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1921	---	---	---	---	1921
1922	---	179 E ON APR 17 *	2.58 ON JUL 2	511 000	1922
1923	---	142 ON APR 28	0.113 ON DEC 23 *	312 000	1923
1924	---	104 ON APR 30	0.1708 ON JAN 1	238 000	1924
1925	---	81.4 ON APR 12	---	---	1925
				384 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	6.06	3.79	---	1914
1915	4.05	3.91	7.31	18.6	26.4	16.4	18.7	8.72	10.7	12.3	11.2	19.3	13.4	1915
1916	8.06	5.31	7.86	71.3	38.0	8.87	7.37	7.01	6.13	8.06	---	7.82	---	1916
1917	---	---	---	---	95.8	---	---	---	8.92	---	---	---	---	1917
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	6.74	4.16	2.72	---	1920
1921	---	---	---	62.8	22.0	8.49	3.83	3.32	6.74	---	---	---	---	1921
MEAN	6.06	4.61	7.59	50.9	46.1	10.9	9.90	6.68	8.37	9.70	7.14	8.41	13.4	MEAN

LOCATION - LAT 47 47 40 N DRAINAGE AREA, 1 110 km² DATA CONTRIBUTED BY -
LONG 79 53 20 W REGULATED ONTARIO HYDRO

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	45.0 ON MAY 8	3.40 ON JAN 10 *	422 000	1915
1916	---	208 ON APR 28 *	4.84 ON JAN 14	---	1916
1917	---	155 ON MAY 2	---	---	1917
1918	---	98.5 ON MAY 10	---	---	1918
1919	---	110 ON APR 24	---	---	1919
1920	---	---	---	---	1920
1921	---	95.7 ON APR 8	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		422 000	MEAN

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	878	1 050	991	771	572	453	382	---	1927
1928	284	286	263	239	249	319	583	685	540	489	---	---	---	1928
1929	---	---	---	---	---	248	233	197	190	187	---	---	---	1929
1930	---	---	---	---	---	233	198	186	134	---	---	---	---	1930
1932	---	---	---	---	---	391	318	195	127	121	---	---	---	1932
1933	---	---	---	---	413	403	381	246	153	140	---	---	---	1933
1934	---	---	---	---	---	734	901	784	581	414	---	---	---	1934
1935	---	---	---	---	---	427	404	421	632	---	---	---	---	1935
1936	---	---	---	---	---	487	287	178	189	205	---	---	---	1936
1937	---	---	---	---	---	677	551	520	388	283	---	---	---	1937
1938	---	---	---	---	---	---	503	359	288	---	---	---	---	1938
1939	---	---	---	---	---	307	288	255	209	198	---	---	---	1939
1940	---	---	---	---	---	188	183	150	124	---	---	---	---	1940
1941	---	---	---	---	---	275	227	207	240	---	---	---	---	1941
1942	---	---	---	---	---	247	212	207	288	381	---	---	---	1942
1943	---	---	---	---	---	681	653	674	418	593	---	---	---	1943
1944	---	---	---	---	---	394	626	351	318	336	---	---	---	1944
1945	---	---	---	---	---	395	418	388	278	---	---	---	---	1945
1946	---	---	---	---	---	574	583	398	318	---	---	---	---	1946
1947	---	---	---	---	---	681	713	528	318	---	---	---	---	1947
1948	---	---	---	---	---	378	295	278	281	---	---	---	---	1948
1949	---	---	---	---	---	350	281	241	237	---	---	---	---	1949
1950	---	---	---	---	---	---	1 010	900	550	---	---	---	---	1950
1951	---	---	---	---	---	502	410	361	295	283	---	---	---	1951
1952	---	---	---	---	---	318	410	515	400	---	---	---	---	1952
1953	---	---	---	---	---	582	535	452	342	292	---	---	---	1953
1954	---	---	---	---	---	1 080	1 170	817	432	419	---	---	---	1954
1955	---	---	---	---	---	580	570	443	341	335	---	---	---	1955
1956	---	---	---	---	---	---	---	282	218	325	382	413	---	1956
1959	445	550	482	381	482	793	905	729	514	900	809	583	587	1959
1960	543	504	468	526	536	421	383	314	330	328	367	471	430	1960
1961	472	412	388	332	408	300	238	185	177	211	260	273	302	1961
1962	281	233	189	233	388	330	321	415	628	507	404	458	388	1962
1963	504	512	500	524	501	576	498	443	432	396	480	479	485	1963
1964	478	488	417	418	586	398	454	348	683	936	789	586	548	1964
1965	503	482	505	610	888	584	478	420	433	518	534	484	517	1965
1966	574	505	517	558	782	706	525	432	484	435	478	475	536	1966
1967	440	443	371	403	404	324	252	386	282	308	382	453	370	1967
1968	428	440	421	378	383	481	535	430	531	707	788	802	515	1968
1969	557	549	531	578	524	493	548	609	585	732	821	551	580	1969
1970	538	528	542	534	782	578	498	386	452	589	628	758	593	1970
1971	533	574	585	593	778	545	489	386	324	428	653	638	586	1971
1972	586	605	545	618	648	444	356	376	328	366	459	459	491	1972
1973	488	487	488	315	288	228	187	295	489	595	592	584	418	1973
1974	570	549	563	559	1 070	1 100	920	676	561	548	518	537	697	1974
1975	508	534	544	575	582	470	398	273	342	347	411	442	456	1975
1976	481	427	455	481	388	284	200	183	180	205	270	233	311	1976
1977	240	289	384	149	85.6	18.8	121	129	285	432	382	371	237	1977
1978	437	426	440	507	513	488	472	508	508	487	485	484	479	1978
1979	492	489	412	482	574	472	277	229	326	437	473	515	428	1979
1980	545	550	548	575	503	233	154	162	207	280	336	386	374	1980
1981	379	403	322	177	143	85.3	188	134	223	320	283	238	238	1981
1982	242	288	328	288	402	388	423	418	418	490	482	505	388	1982
1983	443	387	408	347	241	298	320	229	188	280	371	439	330	1983
1984	383	352	278	243	208	351	343	280	247	308	485	541	330	1984
1985	535R	505R	441R	318R	583 R	885 R	628R	527R	553R	515R	659R	508R	577R	1985
1986	568	523	484	527	525	451	297	289	315	386	401	488	443	1986
1987	488	473	454	340	273	228	208	118R	133	182	174	261	273R	1987
1988	258	248	197	197	145	138	112	108	148	348	480	507	240	1988
MEAN	461R	451R	434R	428R	472 R	448 R	451R	380R	358R	400R	478R	474R	437R	MEAN

LOCATION - LAT 50 15 00 N
LONG 94 55 15 W

DRAINAGE AREA, 52 300 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	745 ON AUG 3	238 E ON APR 1	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	1 020 ON JUL 15	309 ON MAY 1	18 800 000	1957
1958	---	881 ON MAY 2	180 ON AUG 21	13 800 000	1958
1961	---	518 ON JAN 11	38.6 ON SEP 18	8 800 000	1961
1962	---	875 ON SEP 8	131 ON JUN 24	11 600 000	1962
1963	---	885 ON JUN 27	287 ON JUL 23	15 300 000	1963
1964	---	1 100 ON OCT 24	282 ON AUG 18	17 300 000	1964
1965	---	835 ON MAY 6	207 ON AUG 15	15 300 000	1965
1966	---	929 ON JUN 2	314 ON AUG 21	15 900 000	1966
1967	---	516 ON DEC 23	157 ON JUL 24	11 700 000	1967
1968	---	841 ON NOV 14	257 ON JUN 9	15 300 000	1968
1969	---	901 ON OCT 17	306 ON JUN 8	15 300 000	1969
1970	---	915 ON NOV 13	317 ON AUG 28	18 700 000	1970
1971	---	915 ON APR 27	219 ON SEP 19	17 900 000	1971
1972	---	731 ON MAY 1	157 ON JUL 30	15 500 000	1972
1973	---	854 ON OCT 10	158 ON JUN 12	13 200 000	1973
1974	---	1 250 ON JUN 15 *	481 ON NOV 9	22 000 000	1974
1975	---	787 ON MAY 5	147 ON AUG 24	14 500 000	1975
1976	---	521 ON APR 14	115 ON OCT 6	9 840 000	1976
1977	---	498 ON OCT 6	0 ON APR 25 *	7 480 000	1977
1978	---	823 ON MAY 24	314 ON JUL 11	15 100 000	1978
1979	---	898 ON MAY 14	86.6 ON JUL 31	13 800 000	1979
1980	---	688 ON APR 30	0 ON AUG 30	11 800 000	1980
1981	---	518 ON FEB 12	0 ON JUN 6	7 510 000	1981
1982	---	578 ON OCT 27	148 ON JAN 24	12 200 000	1982
1983	---	545 ON DEC 28	136 ON FEB 27	10 400 000	1983
1984	---	578 ON DEC 20	128 ON APR 28	10 400 000	1984
1985	---	904R ON JUL 18	185 R ON APR 14	18 200 000R	1985
1986	---	672 ON MAY 20	191 ON JUL 5	14 000 000	1986
1987	---	547 ON JAN 21	12.7 ON AUG 27	8 610 000R	1987
1988	---	567 ON DEC 12	51.4 ON JUN 22	7 810 000	1988
				13 800 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	146	121	108	80.6	108	254	280	289	337	333	323	289	223	1907
1908	269	237	188	174	203	253	257	241	230	219	206	187	223	1908
1909	169	156	134	116	156	209	208	208	173	149	150	157	165	1909
1910	158	155	154	311	371	323	218	188	133	113	102	90.6	191	1910
1911	82.1	76.5	75.0	76.5	102	163	220	287	284	264	263	214	172	1911
1912	185	167	127	118	249	331	314	328	343	378	345	288	264	1912
1913	238	221	188	184	223	211	200	181	185	141	114	102	178	1913
1914	87.2	80.7	78.3	85.4	113	280	244	236	187	182	166	150	156	1914
1915	136	124	107	108	183	206	229	208	174	188	212	223	173	1915
1916	207	185	156	151	252	467	521	447	328	255	208	187	281	1916
1917	184	139	121	112	118	117	125	172	188	185	172	157	146	1917
1918	140	125	114	118	184	208	230	228	207	178	166	216	178	1918
1919	205	181	167	144	157	188	205	196	201	210	166	182	183	1919
1920	140	124	112	110	189	251	281	227	180	182	134	119	168	1920
1921	108	100	96.0	98.5	161	282	270	248	236	253	238	208	184	1921
1922	172	150	127	119	157	189	208	185	162	127	119	113	153	1922
1923	108	104	96.8	93.2	150	200	214	238	251	231	186	186	172	1923
1924	148	118	104	110	153	178	183	146	127	119	108	102	131	1924
1925	97.4	92.3	88.5	103	189	327	405	384	280	250	225	187	219	1925
1926	182	127	108	111	180	218	294	280	256	300	331	306	221	1926
1927	251	205	175	164	331	521	597	526	398	292	245	204	327	1927
1928	171	142	120	110	132	171	256	282	297	286	265	246	208	1928
1929	187	165	143	93.7	77.0	76.5	98.0	143	151	123	99.3	83.8	116	1929
1930	57.8	44.8	43.5	39.0	20.2	54.0	39.8	74.3	67.2	150	154	152	76.2	1930
1931	152	149	90.2	32.3	32.3	33.2	32.1	130	140	180	178	181	107	1931
1932	178	168	214	191	240	208	77.6	60.9	60.7	123	171	167	158	1932
1933	168	168	161	98.0	39.5	224	123	46.9	78.4	97.8	169	138	125	1933
1934	126	125	116	131	122	306	442	407	266	208	189	193	221	1934
1935	198	189	123	71.8	125	113	173	280	338	303	309	311	210	1935
1936	242	168	170	192	138	46.6	33.3	81.5	180	92.9	162	173	136	1936
1937	121	84.0	113	112	83.9	232	280	220	124	180	222	227	166	1937
1938	227	225	228	228	230	177	109	59.4	177	187	226	227	191	1938
1939	227	110	83.5	82.9	85.6	86.2	85.8	86.6	84.0	139	151	155	105	1939
1940	176	136	81.1	86.4	86.0	85.6	86.6	70.0	127	171	171	142	111	1940
1941	112	101	101	103	100	94.2	91.8	88.1	101	520	652	446	211	1941
1942	357	277	91.8	86.1	82.7	80.4	77.4	88.8	125	180	180	176	148	1942
1943	179	184	183	123	158	520	444	132	438	232	256	255	258	1943
1944	255	257	214	118	83.6	358	133	97.7	216	186	234	235	197	1944
1945	228	225	218	115	111	185	234	77.8	118	204	255	257	183	1945
1946	255	230	196	144	218	254	174	168	123	188	252	260	208	1946
1947	294	269	226	154	117	277	250	87.2	126	196	253	254	216	1947
1948	249	180	136	131	117	113	105	177	188	201	256	252	174	1948
1949	254	218	183	166	141	126	119	126	128	188	212	212	172	1949
1950	212	213	201	170	337	480	553	282	158	159	183	267	270	1950
1951	264	262	256	206	181	223	210	166	171	181	218	228	217	1951
1952	226	226	209	181	166	167	249	254	176	213	256	263	218	1952
1953	211	206	166	164	167	143	125	116	117	176	225	257	177	1953
1954	227	238	256	280	314	790	316	187	187	166	226	226	290	1954
1955	212	196	166	194	155	167	166	170	176	185	195	203	185	1955
1956	204	207	201	166	155	230	166	156	181	187	206	189	188	1956
1957	166	200	202	173	84.2	89.9	149	162	202	207	252	256	162	1957
1958	257	257	280	421	316	243	136	134	172	218	236	321	250	1958
1959	382	422	279	166	113	423	364	346	266	383	397	396	330	1959
1960	396	338	321	226	172	171	166	227	232	259	313	367	266	1960
1961	346	263	226	166	89.4	136	141	141	151	181	196	196	166	1961
1962	166	176	114	113	49.6	21.8	66.4	166	340	306	272	364	160	1962
1963	366	426	369	236	122	65.6	127	219	273	350	397	397	261	1963
1964	364	350	267	204	102	166	236	226	564	540	506	366	331	1964
1965	343	343	364	321	162	127	197	264	336	362	336	389	266	1965
1966	400	369	363	300	176	176	216	322	349	366	376	334	313	1966
1967	340	264	216	162	53.6	62.6	93.6	131	206	317	341	361	212	1967
1968	360	327	261	170	101	222	276	226	423	476	504	366	311	1966
1969	396	396	374	263	199	200	250	354	401	400	393	396	336	1969
1970	394	366	363	306	136	192	212	216	243	369	496	461	326	1970
1971	416	366	369	329	266	266	242	219	226	317	406	424	330	1971
1972	446	463	446	366	211	216	216	216	264	336	366	316	316	1972
1973	366	366	276	86.4	86.4	86.3	67.3	136	266	324	400	401	234	1973
1974	406	413	431	404	212	466	546	366	332	316	396	396	360	1974
1975	416	416	426	341	163	112	113	169	221	224	312	347	269	1975
1976	362	316	226	206	162	113	113	113	113	170	229	209	166	1976
1977	201	193	128	1.82	0	0	0	0	1.04	160	213	221	260	114	1977
1978	307	326	316	233	113	146	216	383	397	392	366	369	309	1978
1979	371	311	206	161	126	113	113	112	226	362	366	367	236	1979
1980	369	406	426	342	117	66.2	66.1	64.6	143	196	226	276	232	1980
1981	267	246	133	76.7	37.3	3.19	3.46	66.7	166	169	166	66.7	122	1981
1982	196	169	166	63.7	37.0	63.3	122	216	266	312	346	361	166	1982
1983	303	266	231	136	101	100	100	100	143	266	332	326	206	1983
1984	261	216	161	66.3	66.7	106	160	166	213	277	374	403	303	1984
1985	400	367	263	64.3	211	416	526	246	301	410	446	456	344	1985
1986	167	136	123	---	---	163	176	193	221	226	322	346	---	1986
1987	372	371	260	136	66.2	63.7	66.1	66.7	166	176	197	203	162	1987
1988	200	163	126	66.0	62.6	63.6	32.1	26.0	166	366	402	402	176	1988
MEAN	244	226	196	160	166	166	202	192	216	243	264	269	213	MEAN

LOCATION - LAT 50 38 00 N
LONG 93 12 30 W

DRAINAGE AREA, 26 600 km²
REGULATED SINCE 1928

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	337E ON SEP 1	80.8 E ON APR 1	7 030 000	1907
1908	---	289E ON JAN 1	174 E ON APR 1	7 060 000	1908
1909	---	208E ON JUN 1	118 E ON APR 1	5 220 000	1909
1910	---	371E ON MAY 1	80.8 E ON DEC 1	6 030 000	1910
1911	---	267E ON AUG 1	78.0 E ON MAR 1	5 420 000	1911
1912	---	378E ON OCT 1	118 E ON APR 1	6 370 000	1912
1913	---	238E ON JAN 1	102 E ON DEC 1	5 520 000	1913
1914	---	250E ON JUN 1	78.3 E ON MAR 1	4 910 000	1914
1915	---	229E ON JUL 1	108 E ON APR 1	5 470 000	1915
1916	---	521E ON JUL 1	151 E ON APR 1	8 880 000	1916
1917	---	188E ON SEP 1	112 E ON APR 1	4 880 000	1917
1918	---	230E ON JUL 1	114 E ON MAR 1	5 580 000	1918
1919	---	210E ON OCT 1	144 E ON APR 1	5 780 000	1919
1920	---	281E ON JUL 1	110 E ON APR 1	5 250 000	1920
1921	---	282E ON JUN 1	86.0 E ON MAR 1	6 130 000	1921
1922	---	206E ON JUL 1	113 E ON DEC 1	4 830 000	1922
1923	---	263 ON SEP 25	83.2 E ON APR 1	5 410 000	1923
1924	---	176E ON JUN 1	102 E ON DEC 1	4 140 000	1924
1925	---	416 ON JUL 18	88.8 E ON MAR 1	8 800 000	1925
1926	---	331E ON NOV 1	108 E ON MAR 1	6 880 000	1926
1927	---	609 ON JUL 13	184 E ON APR 1	10 300 000	1927
1928	---	287E ON SEP 1	110 E ON APR 1	6 570 000	1928
1929	---	187E ON JAN 1	87.1 ON JUN 10	3 730 000	1929
1930	---	226 ON JUL 4	8.50 ON MAY 23	2 470 000	1930
1931	---	188 ON NOV 23	30.0 ON MAY 20	3 380 000	1931
1932	---	261 ON MAY 31	25.5 ON JUL 24	5 010 000	1932
1933	---	253 ON JUL 1	25.1 ON AUG 8	3 980 000	1933
1934	---	482 ON JUL 22	34.0 ON MAY 10	5 980 000	1934
1935	---	345 ON SEP 12	29.2 ON APR 21	6 610 000	1935
1936	---	300 ON JAN 1	9.91 ON OCT 25	4 310 000	1936
1937	---	317 ON JUL 8	24.3 ON JAN 24	5 240 000	1937
1938	---	243 ON NOV 29	52.7 ON AUG 7	6 030 000	1938
1939	---	237 ON JAN 8	51.8 ON APR 18	3 300 000	1939
1940	---	193 ON JAN 9	55.2 ON APR 7	3 520 000	1940
1941	---	694 ON OCT 29	78.5 ON JUL 1	8 650 000	1941
1942	---	447 ON JAN 2	81.2 ON AUG 16	4 880 000	1942
1943	---	851 ON JUN 25	80.3 ON AUG 29	8 150 000	1943
1944	---	589 ON JUN 18	46.2 ON AUG 27	5 220 000	1944
1945	---	308 ON JUL 9	80.1 ON AUG 18	5 780 000	1945
1946	---	445 ON MAY 31	88.1 ON JUL 28	6 550 000	1946
1947	---	405 ON FEB 26	88.4 ON MAY 11	6 880 000	1947
1948	---	416 ON SEP 2	77.8 ON JUL 11	6 490 000	1948
1949	---	281 ON JAN 12	92.3 ON JUL 1	6 440 000	1949
1950	---	731 ON MAY 30	118 ON SEP 24	8 530 000	1950
1951	---	300 ON JAN 10	127 ON JUL 2	8 840 000	1951
1952	---	442 ON AUG 2	107 ON JUL 8	6 810 000	1952
1953	---	274 ON DEC 1	80.9 ON SEP 8	5 580 000	1953
1954	---	981 ON JUN 4 *	138 ON OCT 10	9 140 000	1954
1955	---	232 ON JAN 8	78.7 ON MAY 22	5 830 000	1955
1956	---	317 ON JUN 19	85.2 ON AUG 12	8 380 000	1956
1957	---	273 ON NOV 18	47.8 ON JUN 30	5 750 000	1957
1958	---	438 ON APR 22	85.8 ON JUL 27	7 880 000	1958
1959	---	820 ON JUN 17	38.8 ON MAY 31	10 400 000	1959
1960	---	411 ON JAN 20	108 ON JUL 1	8 480 000	1960
1961	---	371 ON JAN 1	81.8 ON MAY 21	8 310 000	1961
1962	---	385 ON DEC 14	12.0 ON JUN 8	5 880 000	1962
1963	---	436 ON JAN 30	45.0 ON MAY 27	8 880 000	1963
1964	---	725 ON SEP 18	80.4 ON MAY 20	10 500 000	1964
1965	---	482 ON DEC 18	20.8 ON JUN 12	9 420 000	1965
1966	---	439 ON JAN 1	48.7 ON MAY 22	8 880 000	1966
1967	---	374 ON NOV 29	24.1 ON JUL 22	8 880 000	1967
1968	---	589 ON NOV 13	38.0 ON MAY 20	9 850 000	1968
1969	---	436 ON NOV 5	135 ON JUL 13	10 800 000	1969
1970	---	518 ON NOV 12	83.4 ON JUN 1	10 300 000	1970
1971	---	479 ON DEC 22	157 ON APR 28	10 400 000	1971
1972	---	521 ON FEB 23	166 ON SEP 4	10 000 000	1972
1973	---	436 ON NOV 1	48.7 ON JUL 14	7 380 000	1973
1974	---	585 ON JUN 22	127 ON MAY 20	12 300 000	1974
1975	---	438 ON JAN 3	88.4 ON JUN 1	8 480 000	1975
1976	---	405 ON JAN 17	81.8 ON JUN 13	6 180 000	1976
1977	---	292 ON DEC 15	0 ON APR 2 *	3 580 000	1977
1978	---	408 ON AUG 5	83.5 ON MAY 26	9 780 000	1978
1979	---	397 ON NOV 25	100 ON MAY 20	7 520 000	1979
1980	---	434 ON MAR 8	98.8 ON JUN 4	7 330 000	1980
1981	---	293 ON JAN 17	1.00 ON JUN 4	3 850 000	1981
1982	---	395 ON NOV 20	38.0 ON MAY 18	8 230 000	1982
1983	---	388 ON NOV 17	84.2 ON JUL 1	8 450 000	1983
1984	---	418 ON NOV 19	37.4 ON APR 14	8 420 000	1984
1985	---	631 ON JUN 28	38.1 ON APR 28	10 800 000	1985
1986	---	---	---	---	1986
1987	---	387 ON JAN 8	38.0 ON JUN 21	8 740 000	1987
1988	---	411 ON OCT 22	0 ON APR 18	5 380 000	1988
				8 710 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	284	228	226	264	271	208	---	1956
1957	240	259	281	238	178	284	273	258	245	255	272	291	254	1957
1958	320	298	302	523	405	291	237	170	235	314	306	395	316	1958
1959	458	484	354	241	270	648	587	512	400	526	498	489	456	1959
1960	470	404	387	330	272	313	259	273	287	270	358	436	338	1960
1961	392	338	290	217	162	226	180	185	174	208	236	234	236	1961
1962	232	184	141	159	170	131	180	337	450	387	369	430	262	1962
1963	434	480	405	333	272	270	260	317	324	386	438	418	360	1963
1964	422	378	320	278	259	269	309	280	686	681	621	485	413	1964
1965	399	401	458	405	300	292	300	358	388	435	388	442	380	1965
1966	461	429	418	378	388	354	341	366	408	408	432	403	397	1966
1967	388	325	280	218	197	198	200	250	233	328	370	410	282	1967
1968	396	378	288	248	223	445	417	338	511	686	587	476	408	1968
1969	483	480	475	401	318	331	380	458	806	672	467	467	448	1969
1970	454	470	482	413	283	280	330	278	411	518	585	588	432	1970
1971	529	484	480	484	438	433	380	280	278	388	481	446	421	1971
1972	484	527	518	467	392	322	277	292	358	321	387	404	389	1972
1973	423	416	336	183	132	141	123	223	404	480	486	520	319	1973
1974	531	540	522	535	582	612	748	527	534	448	503	478	583	1974
1975	490	503	501	478	338	288	214	284	388	288	370	374	384	1975
1976	438	400	318	322	244	185	187	143	158	222	289	204	257	1976
1977	288	257	184	26.5	25.7	47.1	39.0	68.3	288	348	298	335	182	1977
1978	381	387	386	285	324	302	404	467	453	422	449	474	398	1978
1979	458	371	290	332	288	267	175	187	338	458	479	487	344	1979
1980	491	513	522	488	235	155	135	143	213	284	302	337	317	1980
1981	352	311	198	119	68.0	48.1	48.8	120	218	271	240	141	177	1981
1982	256	286	221	161	208	226	214	300	347	400	425	424	287	1982
1983	380	340	302	187	158	182	202	150	211	336	388	378	288	1983
1984	347	279	196	128	134	245	241	205	284	320	454	487	278	1984
1985	488	448	368	188	408	547	733	445	478	583	587	571	482	1985
1986	485	432	408	282	383	238	238	282	278	311	385	418	345	1986
1987	434	428	326	248	152	114	131	89.6	185	208	237	240	232	1987
1988	235	177	148	88.6	84.7	84.5	78.7	84.0	227	417	470	487	210	1988
MEAN	407	388	345	293	260	278	275	287	331	381	410	404	338	MEAN

LOCATION - LAT 50 35 01 N
LONG 93 27 15 W

DRAINAGE AREA, 37 000 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	413 ON SEP 19	88.6 ON SEP 29	6 020 000	1957
1958	---	497 ON APR 28	48.8 ON MAR 3	9 980 000	1958
1959	---	669 ON JUN 19 *	71.4 ON MAY 10	14 400 000	1959
1960	---	536 ON JAN 6	88.7 ON AUG 14	10 700 000	1960
1961	---	454 ON FEB 19	0 ON DEC 28 *	7 440 000	1961
1962	---	557 ON AUG 24	0 ON FEB 11	6 260 000	1962
1963	---	493 ON FEB 19	0 ON JUL 1	11 300 000	1963
1964	---	767 ON SEP 17	0 ON MAR 1	13 100 000	1964
1965	---	803 ON DEC 27	0 ON MAY 30	12 000 000	1965
1966	---	572 ON MAY 23	34.3 ON DEC 25	12 800 000	1966
1967	---	481 ON JAN 5	8.21 ON APR 23	8 880 000	1967
1968	---	682 ON OCT 24	80.1 ON AUG 4	12 900 000	1968
1969	---	840 ON OCT 11	8.80 ON MAY 25	14 100 000	1969
1970	---	782 ON NOV 4	0 ON MAY 18	13 800 000	1970
1971	---	608 ON APR 20	0 ON SEP 12	13 300 000	1971
1972	---	586 ON FEB 25	108 ON JUL 3	12 300 000	1972
1973	---	547 ON DEC 27	27.6 ON JUN 13	10 100 000	1973
1974	---	881 ON JUN 23	187 ON DEC 28	17 800 000	1974
1975	---	513 ON JAN 3	97.6 ON JUL 27	11 800 000	1975
1976	---	456 ON JAN 30	0 ON JUL 1	8 130 000	1976
1977	---	447 ON SEP 30	0 ON APR 15	6 730 000	1977
1978	---	547 ON AUG 10	43.0 ON JUL 7	12 500 000	1978
1979	---	541 ON JAN 8	29.7 ON AUG 26	10 900 000	1979
1980	---	540 ON JAN 31	0 ON JUN 18	10 000 000	1980
1981	---	409 ON OCT 24	0 ON JUN 11	5 580 000	1981
1982	---	496 ON NOV 27	40.1 ON APR 18	9 080 000	1982
1983	---	457 ON NOV 24	71.1 ON MAY 7	8 400 000	1983
1984	---	521 ON NOV 21	85.4 ON MAY 21	6 730 000	1984
1985	---	806 ON JUL 6	88.1 ON APR 7	15 200 000	1985
1986	---	570 ON JAN 1	148 ON JUN 20	10 900 000	1986
1987	---	454 ON FEB 18	28.0 ON JUL 30	7 310 000	1987
1988	---	617 ON NOV 28	23.6 ON JUL 4	8 850 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 700 000	MEAN

ENGLISH RIVER AT PINE RIDGE - STATION NO. 05QB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1917	---	---	---	---	---	---	---	---	---	---	173	159	---	1917
1918	142	125	113	116	171	210	238	235	213	185	181	223	180	1918
1919	217	193	186	148	189	203	218	212	218	---	---	---	---	1919
MEAN	180	159	140	130	170	207	230	224	215	185	182	191	180	MEAN

LOCATION - LAT 50 38 00 N
LONG 93 10 00 W

NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT PINE RIDGE - STATION NO. 0809007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1917	---	---	---	---	1917
1918	---	248 ON JUL 13 *	104 ON APR 1 *	5 890 000	1918
1919	---	235 ON JUL 7	103 ON APR 4	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 890 000	MEAN

ENGLISH RIVER AT UMPREVILLE - STATION NO. 0809002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	50.0	46.1	42.1	---	1921
1922	36.2	35.6	33.1	40.4	108	74.8	42.7	34.2	24.9	21.5	21.3	23.4	41.2	1922
1923	23.9	21.6	20.3	20.3	70.8	59.8	66.5	75.7	52.4	36.2	28.7	23.1	42.5	1923
1924	20.1	17.8	16.0	16.4	46.8	62.6	36.9	29.4	31.2	41.0	40.3	30.9	31.8	1924
1925	22.1	19.5	19.6	40.6	93.3	104	86.8	57.9	58.5	51.3	47.3	39.4	54.4	1925
1926	26.7	23.1	20.7	22.6	81.7	72.6	86.2	63.2	64.0	108	80.2	59.9	60.4	1926
1927	43.2	32.8	28.6	60.2	235	218	211	101	60.7	44.0	44.2	34.5	91.7	1927
1928	26.3	20.0	19.0	21.1	75.8	92.0	84.1	73.8	75.1	95.0	78.1	52.6	59.5	1928
1929	35.0	25.3	22.1	30.8	57.1	70.1	73.9	43.0	22.3	16.6	16.5	17.4	35.9	1929
1930	15.4	12.3	12.4	14.8	30.6	33.5	33.3	23.6	14.4	12.2	13.8	20.2	19.8	1930
1931	19.7	17.1	16.0	15.7	24.2	53.0	61.4	34.7	23.9	21.1	24.4	29.6	27.6	1931
1932	26.7	23.3	21.7	26.9	212	107	71.1	55.3	36.5	27.9	44.5	46.7	58.6	1932
1933	34.2	27.4	23.3	30.6	104	79.6	36.7	19.7	12.5	14.9	22.4	27.3	36.3	1933
1934	26.4	24.2	21.8	23.7	169	178	123	85.5	38.9	31.7	49.4	46.0	66.7	1934
1935	36.5	30.3	27.3	31.9	145	105	104	93.1	61.5	86.5	68.5	63.3	69.0	1935
1936	36.3	30.6	28.6	26.5	97.1	94.5	47.0	20.2	14.8	11.3	11.2	13.2	38.1	1936
1937	14.0	15.3	14.8	18.8	139	134	81.6	50.9	49.0	43.4	38.5	32.8	53.0	1937
1938	26.1	21.3	19.0	48.8	132	99.5	62.7	37.3	22.9	14.9	14.4	14.8	43.0	1938
1939	15.0	14.5	14.0	15.1	43.0	57.0	43.9	29.6	19.8	16.6	19.4	17.5	26.7	1939
1940	15.0	13.8	10.8	12.5	33.0	47.3	28.5	17.4	7.78	3.15	3.21	6.75	18.6	1940
1941	8.84	9.79	9.81	24.0	81.6	99.9	82.4	51.3	125	372	159	63.3	91.1	1941
1942	48.0	36.1	29.9	33.4	61.8	82.6	45.8	48.3	61.8	55.4	45.9	35.3	47.2	1942
1943	28.8	25.8	23.4	24.4	97.1	186	188	88.3	87.8	94.0	65.3	51.0	77.0	1943
1944	37.5	30.5	27.1	28.3	84.8	111	70.1	78.3	89.7	55.1	33.1	41.0	57.4	1944
1945	32.9	27.7	26.4	85.5	87.4	84.1	55.8	38.1	29.5	59.6	45.6	39.5	48.7	1945
1946	31.8	28.7	26.3	82.0	136	81.4	44.3	30.8	20.8	50.8	83.1	80.5	58.8	1946
1947	43.5	34.5	28.5	25.3	74.0	129	77.7	38.5	30.4	47.8	40.8	37.3	50.7	1947
1948	32.8	27.0	22.8	31.7	145	89.3	54.8	39.3	39.2	29.0	28.4	29.4	47.3	1948
1949	28.6	28.7	24.0	36.4	97.3	81.1	83.4	36.0	24.4	36.1	47.4	46.3	44.3	1949
1950	40.3	34.6	30.4	30.4	188	288	184	86.9	80.7	82.3	61.4	51.8	81.7	1950
1951	40.3	33.4	31.7	37.4	154	136	89.7	83.1	48.4	73.6	73.4	63.3	72.3	1951
1952	48.5	38.5	32.5	47.0	128	78.8	141	100	47.3	29.3	25.3	25.8	61.4	1952
1953	23.8	22.3	21.5	25.8	41.9	137	140	72.9	132	119	70.4	60.6	72.5	1953
1954	49.3	42.5	37.9	46.5	198	257	119	52.5	34.4	38.6	42.6	41.5	78.6	1954
1955	33.0	28.3	27.1	47.0	98.4	70.2	40.0	22.0	14.0	24.0	38.6	36.6	39.8	1955
1956	32.3	29.1	25.5	36.3	135	206	93.5	43.2	31.5	31.4	31.4	33.2	60.6	1956
1957	29.2	24.5	23.2	28.4	148	80.2	60.7	41.6	23.8	31.0	40.4	45.6	51.6	1957
1958	37.4	29.6	27.6	47.1	84.6	86.6	75.5	58.9	46.4	71.9	82.3	80.7	58.0	1958
1959	44.8	33.7	28.3	31.0	85.2	135	94.0	72.6	52.9	43.6	47.9	38.0	59.0	1959
1960	33.2	28.0	22.7	27.2	78.6	119	88.3	30.9	28.1	24.6	31.9	31.3	43.4	1960
1961	26.8	21.6	21.1	26.1	111	98.1	53.3	43.3	39.6	47.8	38.2	33.3	47.6	1961
1962	28.6	22.4	19.6	20.6	72.4	136	63.6	70.1	98.1	57.4	38.2	28.2	56.9	1962
1963	33.6	26.4	20.7	30.2	44.6	122	113	112	82.6	37.4	26.9	32.4	58.6	1963
1964	29.5	26.7	26.2	38.6	197	146	171	113	144	127	90.4	83.0	98.4	1964
1965	46.6	36.6	33.0	33.0	108	133	92.6	55.5	38.6	102	116	76.7	72.6	1965
1966	56.6	45.2	39.1	46.5	184	232	113	46.3	29.3	17.1	22.4	26.4	70.0	1966
1967	27.8	25.0	21.9	43.7	111	107	70.8	65.3	36.2	26.4	31.5	30.5	49.8	1967
1968	27.0	23.2	21.2	46.5	114	236	209	105	107	105	126	83.6	101	1968
1969	56.8	47.3	40.6	53.5	139	170	147	121	83.7	89.1	86.7	90.3	86.7	1969
1970	43.9	37.6	31.3	31.0	151	180	106	66.5	66.8	93.2	134	93.1	85.5	1970
1971	64.1	46.2	37.3	60.3	125	146	89.8	60.2	65.3	149	265	146	100	1971
1972	66.0	53.5	41.6	37.9	102	101	72.0	49.8	36.9	40.2	41.5	40.7	58.8	1972
1973	34.4	33.0	31.8	31.7	71.8	86.6	80.1	49.9	48.8	56.5	63.4	54.7	48.9	1973
1974	47.8	41.3	36.0	34.7	141	274	170	87.9	67.3	82.0	85.7	86.7	89.8	1974
1975	45.7	36.4	32.5	32.5	84.8	78.3	52.6	27.7	19.9	19.9	28.4	31.0	42.0	1975
1976	26.8	25.1	26.4	61.2	111	89.6	41.2	23.6	13.6	9.72	10.9	12.7	35.0	1976
1977	12.2	13.0	15.2	34.6	74.4	85.3	89.5	43.9	46.9	59.2	53.6	53.4	45.3	1977
1978	40.6	39.9	23.3	25.7	83.6	149	108	71.6	80.5	47.2	34.3	29.2	56.6	1978
1979	26.2	22.4	24.0	36.9	140	98.7	80.1	34.7	34.3	26.6	48.6	46.0	48.9	1979
1980	36.6	28.9	26.2	32.1	84.6	37.4	23.4	20.6	35.1	84.6	49.3	36.1	37.4	1980
1981	29.0	24.6	23.6	38.3	68.2	90.2	49.0	23.7	12.3	9.94	12.4	19.0	30.7	1981
1982	17.6	16.6	16.0	18.6	78.7	81.6	78.9	78.3	52.6	66.4	67.6	64.4	56.6	1982
1983	44.0	33.2	30.0	29.6	46.4	77.6	82.7	40.6	20.4	20.7	30.2	33.6	40.6	1983
1984	30.0	26.3	23.4	36.9	98.6	108	88.6	40.1	24.3	30.6	24.6	31.4	44.6	1984
1985	33.2	27.2	23.0	42.2	205	155	122	69.1	96.0	172	120	76.2	87.1	1985
1986	63.0	43.1	36.4	66.1	184	96.6	80.6	73.2	50.2	56.6	47.6	42.7	69.1	1986
1987	35.0	29.6	27.7	32.1	86.9	41.6	29.2	33.0	41.0	41.7	44.0	36.4	35.1	1987
1988	28.4	23.0	21.6	28.4	83.1	66.0	85.3	76.3	178	161	99.2	76.6	74.0	1988
MEAN	34.0	28.0	25.0	34.6	105	112	84.5	55.2	49.4	56.6	52.9	43.6	57.0	MEAN

LOCATION - LAT 49 52 30 N DRAINAGE AREA, 6 230 km^2
LONG 91 27 30 W NATURAL FLOW

REMARKS - PRIOR TO 1981 DRAINAGE AREA PUBLISHED AS 6400 km^2

ENGLISH RIVER AT UMPREVILLE - STATION NO. 05QA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	
1922	---	121 ON MAY 18	20.0 ON NOV 1	---	1921
1923	---	93.4 ON MAY 15	19.4 B ON MAR 31	1 300 000	1922
1924	---	57.8 ON MAY 21	15.3 B ON APR 1	1 340 000	1923
				1 010 000	1924
1925	---	121 ON JUN 24	19.0 ON FEB 1	1 710 000	1925
1926	---	115 ON OCT 11	20.1 ON MAR 18	1 800 000	1926
1927	---	280 ON MAY 17	27.3 B ON MAR 26	2 890 000	1927
1928	---	107 ON OCT 18	18.3 B ON MAR 7	1 880 000	1928
1929	---	80.7 ON JUN 28	14.7 ON OCT 30	1 130 000	1929
1930	---	36.8 ON MAY 21	11.0 ON OCT 5	824 000	1930
1931	---	85.1 ON JUN 28	14.1 ON APR 5	870 000	1931
1932	---	294 ON MAY 14	20.7 ON APR 2	1 850 000	1932
1933	---	116 ON MAY 15	19.3 ON SEP 12	1 180 000	1933
1934	---	245 ON MAY 21	21.1 ON MAR 18	2 100 000	1934
1935	---	173 ON MAY 17	24.9 ON APR 10	2 180 000	1935
1936	---	133 ON MAY 28	19.6 ON OCT 23	1 140 000	1936
1937	---	154 ON MAY 23	13.2 B ON JAN 15	1 670 000	1937
1938	---	142 ON MAY 13	12.7 ON OCT 28	1 380 000	1938
1939	---	63.4 ON JUN 10	13.6 ON APR 5	810 000	1939
1940	---	49.6 ON JUN 2	1.84 ON NOV 13 *	525 000	1940
1941	---	445 ON OCT 11 *	7.82 ON JAN 1	2 870 000	1941
1942	---	71.4 ON MAY 31	28.6 ON MAR 22	1 480 000	1942
1943	---	218 ON JUL 3	20.8 ON APR 3	2 430 000	1943
1944	---	113 ON JUN 22	25.8 ON APR 18	1 830 000	1944
1945	---	95.1 ON MAY 4	24.8 ON MAR 10	1 540 000	1945
1946	---	153 ON MAY 4	19.5 ON SEP 18	1 800 000	1946
1947	---	150 ON JUN 17	23.8 ON APR 11	1 600 000	1947
1948	---	172 ON MAY 16	21.5 ON MAR 21	1 500 000	1948
1949	---	104 ON MAY 21	22.2 ON SEP 11	1 400 000	1949
1950	---	377 ON MAY 29	28.5 ON APR 7	2 890 000	1950
1951	---	200 ON MAY 19	30.3 ON MAR 29	2 260 000	1951
1952	---	162 ON JUL 21	24.4 ON NOV 15	1 980 000	1952
1953	---	172 ON JUN 29	21.1 ON MAR 7	2 290 000	1953
1954	---	323 ON JUN 1	31.1 ON SEP 17	2 520 000	1954
1955	---	105 ON MAY 8	12.3 ON SEP 17	1 260 000	1955
1956	---	250 ON JUN 4	24.3 ON APR 2	1 920 000	1956
1957	---	159 ON MAY 10	21.7 B ON MAR 7	1 630 000	1957
1958	---	93.4 ON MAY 11	27.0 B ON MAR 12	1 770 000	1958
1959	---	150 ON JUN 13	24.4 B ON MAR 28	1 680 000	1959
1960	---	137 ON JUN 11	20.4 ON APR 8	1 370 000	1960
1961	---	121 ON MAY 16	20.4 B ON MAR 1	1 810 000	1961
1962	---	163 ON JUN 6	17.9 ON MAR 24	1 780 000	1962
1963	---	150 ON JUN 30	18.4 ON MAR 28	1 780 000	1963
1964	---	234 ON MAY 16	25.1 ON MAR 30	3 110 000	1964
1965	---	156 ON JUN 10	29.4 ON APR 8	2 280 000	1965
1966	---	283 ON JUN 1	18.1 ON OCT 21	2 210 000	1966
1967	---	127 ON MAY 28	20.8 ON MAR 24	1 670 000	1967
1968	---	302 ON JUN 22	19.9 ON MAR 11	3 180 000	1968
1969	---	188 ON JUN 11	35.1 ON APR 8	2 730 000	1969
1970	---	208 ON JUN 3	28.6 ON APR 5	2 700 000	1970
1971	---	288 ON NOV 7	33.6 ON SEP 2	3 180 000	1971
1972	---	120 ON MAY 31	34.0 ON SEP 21	1 880 000	1972
1973	---	77.3 ON MAY 22	20.8 ON MAR 12	1 840 000	1973
1974	---	289 ON JUN 8	30.9 ON APR 19	2 840 000	1974
1975	---	108 A ON MAY 22	18.1 ON OCT 13	1 330 000	1975
1976	138 AT 14:30 CST ON MAY 4	134 ON MAY 4	8.72 ON OCT 14	1 110 000	1976
1977	79.0 AT 14:44 CST ON MAY 7	78.2 ON MAY 7	11.8 ON JAN 10	1 430 000	1977
1978	---	162 ON JUN 14	21.9 ON MAR 28	1 850 000	1978
1979	164 AT 02:51 CST ON MAY 25	163 ON MAY 19	21.5 ON FEB 22	1 840 000	1979
1980	70.7 AT 18:30 CST ON MAY 15	70.1 ON MAY 15	18.4 ON AUG 11	1 180 000	1980
1981	---	73.4E ON MAY 14	8.67 ON SEP 30	987 000	1981
1982	112 AT 16:03 CST ON MAY 26	112 ON MAY 26	14.3 ON MAR 8	1 780 000	1982
1983	96.2 AT 21:55 CST ON JUL 13	93.8 ON JUL 7	15.6 ON SEP 30	1 290 000	1983
1984	118 AT 17:10 CST ON JUN 17	116 ON JUN 16	16.9 ON OCT 15	1 410 000	1984
1985	249 AT 13:54 CST ON MAY 22 *	244 ON MAY 22	21.2 ON APR 1	3 070 000	1985
1986	188 AT 12:36 CST ON MAY 16	185 ON MAY 16	35.9 ON MAR 29	2 180 000	1986
1987	47.8 AT 16:58 CST ON JUN 15	46.7 ON JUN 14	24.1 ON MAY 19	1 110 000	1987
1988	249 AT 13:05 CST ON SEP 26	245 ON SEP 26	20.4 ON MAR 21	2 340 000	1988
				1 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER NEAR SIOUX LOOKOUT - STATION NO. 05QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	131	150	126	107	---	1921
1922	86.9	75.4	68.4	72.8	148	161	124	97.8	73.8	58.3	60.4	48.1	88.7	1922
1923	48.7	45.3	43.8	48.8	183	155	149	157	134	117	87.4	74.3	101	1923
1924	58.3	52.8	48.2	48.8	92.3	108	98.0	87.8	75.8	68.8	67.8	63.8	72.8	1924
1925	62.7	58.8	58.3	78.9	178	227	232	173	144	135	121	101	131	1925
1926	88.4	87.8	84.3	82.0	114	158	203	162	164	248	202	162	141	1926
1927	130	105	88.2	101	421	508	517	275	184	123	108	88.1	220	1927
1928	83.4	80.8	80.3	86.0	110	188	194	172	210	182	177	144	138	1928
1929	110	87.9	72.8	71.2	107	140	143	111	81.5	98.3	43.3	36.5	88.4	1929
1930	36.4	35.3	32.1	28.2	51.8	73.9	85.8	75.5	85.8	38.5	32.2	33.4	48.3	1930
1931	36.1	38.6	32.2	31.2	43.9	93.0	124	88.8	78.4	82.6	82.3	89.1	84.8	1931
1932	88.7	84.6	81.5	87.1	226	259	165	131	93.4	74.4	74.6	88.2	115	1932
1933	85.7	72.0	53.1	86.6	166	203	117	80.5	45.2	42.5	42.9	52.0	82.2	1933
1934	64.7	52.8	46.8	48.0	260	430	333	187	111	88.6	109	109	153	1934
1935	88.2	85.2	71.7	72.5	212	229	215	198	154	187	170	135	151	1935
1936	107	81.0	76.3	72.8	158	213	138	73.7	55.7	48.5	40.5	34.4	81.7	1936
1937	31.2	32.8	35.4	38.9	203	292	214	145	98.4	88.0	88.0	75.8	112	1937
1938	71.8	63.7	55.0	67.3	230	222	149	93.3	88.2	52.8	40.9	37.0	97.8	1938
1939	34.2	33.8	33.2	34.8	57.4	111	120	79.0	58.4	53.3	57.1	49.3	80.0	1939
1940	41.8	37.1	30.7	28.3	58.9	81.2	74.2	53.4	39.0	23.9	21.2	18.5	42.4	1940
1941	18.5	18.1	20.1	29.5	98.8	176	186	131	183	571	385	205	170	1941
1942	125	103	87.6	84.2	106	118	88.9	90.8	121	133	101	82.5	103	1942
1943	74.8	68.8	58.2	58.1	151	332	365	245	227	214	148	124	172	1943
1944	101	81.3	67.3	82.5	147	252	218	213	185	158	119	106	143	1944
1945	91.2	74.2	64.9	118	183	177	149	101	87.7	106	101	91.1	112	1945
1946	81.4	73.5	67.2	149	337	228	145	80.1	61.6	89.8	177	180	137	1946
1947	109	86.0	70.8	59.0	128	264	189	103	81.1	81.6	83.4	77.4	112	1947
1948	84.8	82.7	62.8	61.4	207	233	172	124	112	91.4	70.2	63.8	107	1948
1949	63.8	60.9	56.2	67.8	178	189	138	95.5	84.6	80.6	83.6	93.2	86.2	1949
1950	84.9	83.2	89.9	63.9	284	600	447	269	122	116	135	123	200	1950
1951	103	85.4	71.6	78.1	292	339	249	180	139	158	161	130	158	1951
1952	104	85.5	74.2	83.7	178	188	272	267	147	110	78.4	61.1	138	1952
1953	91.9	48.1	46.9	53.2	88.0	226	328	222	208	243	183	127	151	1953
1954	111	96.0	82.1	82.6	327	634	318	147	87.2	77.8	83.2	87.4	178	1954
1955	77.0	67.8	64.7	86.2	206	224	141	83.5	80.4	50.8	65.5	76.1	100	1955
1956	77.3	69.9	62.6	58.8	160	401	259	133	77.5	85.5	58.5	58.0	123	1956
1957	58.4	53.3	50.7	82.1	227	222	189	112	86.1	53.4	58.2	67.5	102	1957
1958	88.8	61.5	55.4	83.4	130	138	141	128	92.3	148	144	127	108	1958
1959	100	80.6	66.7	62.2	148	303	239	187	140	101	91.4	82.4	134	1959
1960	72.2	63.8	58.2	58.8	127	219	170	93.8	82.2	50.5	50.2	59.0	90.2	1960
1961	58.5	52.4	48.7	58.9	171	202	133	88.5	70.4	87.8	86.7	82.8	90.3	1961
1962	68.1	63.2	48.0	48.4	95.7	208	161	158	208	132	95.2	83.4	114	1962
1963	76.7	66.6	56.3	61.8	84.4	176	221	190	147	88.1	80.4	84.8	107	1963
1964	96.5	87.3	83.9	86.4	302	299	298	214	302	294	193	161	190	1964
1965	108	88.5	74.4	89.4	148	231	211	151	106	138	194	180	140	1965
1966	130	107	88.0	80.6	242	443	308	158	88.7	63.3	46.3	48.7	150	1966
1967	62.0	62.8	49.8	63.2	181	280	178	133	81.4	81.3	62.4	61.9	102	1967
1968	63.0	60.1	47.0	62.7	188	381	367	259	204	194	210	158	183	1968
1969	118	104	84.2	88.3	217	343	287	287	231	184	148	119	183	1969
1970	97.6	81.0	71.0	68.8	227	347	232	138	143	189	251	189	170	1970
1971	127	95.8	83.2	97.7	223	283	187	108	83.4	193	403	304	184	1971
1972	177	117	80.1	77.4	163	188	136	96.9	72.8	70.3	78.2	75.3	112	1972
1973	88.9	67.5	63.5	82.7	116	124	133	125	119	136	135	120	108	1973
1974	98.9	81.5	89.4	73.6	277	511	346	182	128	115	114	104	178	1974
1975	92.0	81.9	70.5	89.4	188	176	124	82.0	59.2	47.3	50.5	53.0	88.4	1975
1976	50.4	48.3	47.2	86.5	189	137	87.6	58.4	35.7	22.8	17.4	16.4	67.4	1976
1977	16.2	17.5	20.2	31.6	80.5	114	122	103	89.6	98.8	85.8	88.8	73.6	1977
1978	80.4	65.2	53.6	52.5	142	291	224	151	116	91.8	70.2	58.2	117	1978
1979	54.7	46.8	46.4	61.4	211	224	130	84.9	77.8	71.2	103	89.8	102	1979
1980	83.4	70.4	58.3	58.6	107	86.4	58.4	45.7	48.6	84.8	78.0	72.8	89.2	1980
1981	61.8	51.8	45.8	53.2	88.4	113	133	77.4	43.0	29.3	23.8	25.6	62.1	1981
MEAN	78.2	67.1	58.6	65.3	171	240	199	138	112	113	108	92.0	120	MEAN

LOCATION - LAT 50 04 15 N DRAINAGE AREA, 13 900 km²
LONG 91 58 40 W NATURAL FLOW

REMARKS - PRIOR TO 1981 DRAINAGE AREA PUBLISHED AS 13800 km²

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	195 ON MAY 30	45.8E ON DEC 18	2 800 000	1922
1923	---	172 ON MAY 20	37.1E ON APR 1	3 200 000	1923
1924	---	111 ON JUN 6	42.8B ON MAR 23	2 290 000	1924
1925	---	243 ON JUN 20	54.9 ON MAR 24	4 130 000	1925
1926	---	284 ON OCT 15	59.5 ON APR 9	4 480 000	1926
1927	---	583 ON MAY 29	78.4B ON MAR 24	6 880 000	1927
1928	---	224 ON SEP 8	54.9B ON APR 5	4 290 000	1928
1929	---	149 ON JUL 12	35.4 ON DEC 14	2 790 000	1929
1930	---	88.3 ON JUL 18	24.9 ON APR 17	1 530 000	1930
1931	---	131 ON JUL 6	30.0 ON MAR 23	2 040 000	1931
1932	---	331 ON MAY 27	58.5 ON MAR 29	3 830 000	1932
1933	---	220 ON JUN 11	40.5 ON SEP 18	2 580 000	1933
1934	---	470 ON JUN 16	43.9 ON MAR 30	4 820 000	1934
1935	---	272 ON MAY 18	69.1 ON MAR 17	4 780 000	1935
1936	---	242 ON MAY 30	32.8 ON DEC 31	2 900 000	1936
1937	---	309 ON JUN 13	30.0 ON JAN 25	3 530 000	1937
1938	---	251 ON MAY 17	35.1 ON DEC 28	3 080 000	1938
1939	---	129 ON JUL 5	32.8 ON MAR 17	1 880 000	1939
1940	---	85.5 ON JUL 5	18.4 ON DEC 7	1 340 000	1940
1941	---	614 ON OCT 15	18.4 ON JAN 1	5 350 000	1941
1942	---	158 ON JAN 1	58.5 ON APR 21	3 240 000	1942
1943	---	402 ON JUL 4	51.8 ON APR 14	5 440 000	1943
1944	---	289 ON JUN 17	58.2 ON APR 8	4 510 000	1944
1945	---	193 ON MAY 31	61.4 ON MAR 13	3 540 000	1945
1946	---	385 ON MAY 12	47.0 ON SEP 16	4 320 000	1946
1947	---	306 ON JUN 21	56.1 ON APR 19	3 530 000	1947
1948	---	280 ON MAY 27	41.1 ON MAR 22	3 390 000	1948
1949	---	215 ON MAY 26	51.8 ON APR 5	3 030 000	1949
1950	---	651 ON JUN 8	57.2 ON APR 17	6 320 000	1950
1951	---	384 ON JUN 1	85.1 ON MAR 17	5 240 000	1951
1952	---	334 ON JUL 29	54.4 ON DEC 30	4 350 000	1952
1953	---	357 ON JUL 7	44.5 ON MAR 18	4 770 000	1953
1954	---	711 ON JUN 7 *	85.0 ON MAR 28	5 810 000	1954
1955	---	242 ON JUN 9	47.9 ON SEP 27	3 170 000	1955
1956	---	436 ON JUN 14	55.2 ON NOV 28	3 910 000	1956
1957	---	249 ON MAY 14	49.3 ON APR 7	3 220 000	1957
1958	---	189 ON OCT 21	52.7 ON MAR 31	3 420 000	1958
1959	---	334 ON JUN 15	59.7 ON APR 10	4 220 000	1959
1960	231 AT 05:00 CST ON JUN 22	230 ON JUN 22	46.4 ON OCT 24	2 850 000	1960
1961	223 AT 12:36 CST ON JUN 12	218 ON JUN 9	47.8 ON APR 9	2 850 000	1961
1962	---	234 A ON SEP 1	45.3 ON MAR 26	3 800 000	1962
1963	---	252 ON JUL 8	52.4 ON MAR 29	3 380 000	1963
1964	---	385 ON MAY 22	51.0 ON APR 8	5 010 000	1964
1965	---	249 ON JUN 12	64.3 ON APR 5	4 420 000	1965
1966	---	484 ON JUN 7	45.8E ON NOV 19	4 730 000	1966
1967	272 AT 22:30 CST ON JUN 3	284 ON JUN 4	48.1 ON MAR 28	3 210 000	1967
1968	450 AT 17:30 CST ON JUL 3 *	442 ON JUN 26	48.2 ON MAR 14	5 780 000	1968
1969	377 AT 18:30 CST ON JUN 16	371 ON JUN 14	71.9 ON APR 11	5 770 000	1969
1970	382 AT 16:00 CST ON JUN 9	378 ON JUN 7	82.1 ON APR 14	5 380 000	1970
1971	---	430 ON NOV 16	76.+ ON APR 8	5 790 000	1971
1972	---	225 ON JAN 1	86.0 ON SEP 23	3 530 000	1972
1973	150 AT 13:08 CST ON OCT 27	147 ON OCT 26	52.1 ON MAR 7	3 300 000	1973
1974	---	544 ON JUN 14	62.8 ON APR 17	5 520 000	1974
1975	200 AT 09:30 CST ON MAY 26	200 ON MAY 25	44.7 ON OCT 21	2 820 000	1975
1976	201 AT 08:00 CST ON MAY 15	201 ON MAY 13	15.2 ON DEC 15	2 130 000	1976
1977	196 AT 05:32 CST ON JUL 20	125 ON JUL 17	15.0 ON JAN 12 *	2 320 000	1977
1978	309 AT 09:35 CST ON JUN 16	309 ON JUN 12	49.8 ON MAR 29	3 860 000	1978
1979	273 AT 23:13 CST ON MAY 27	272 ON MAY 27	46.4 ON MAR 7	3 200 000	1979
1980	117 AT 09:38 CST ON MAY 18	116 ON MAY 18	42.7 ON AUG 28	2 180 000	1980
1981	152 AT 16:26 CST ON JUL 8	150 ON JUL 8	22.9 ON NOV 24	1 880 000	1981
MEAN				3 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	4.48	1.62	1.15	0.545	0.538	0.615	1.57	2.39	1.57	---	1982
1983	1.08	0.834	4.58	2.74	2.34	0.867	0.815	0.620	0.519	0.500	0.628	0.511	1.35	1983
1984	1.22	0.761	2.79	3.82	2.09	1.19	1.28	1.44	0.622	0.525	0.720	1.89	1.51	1984
1985	2.12	4.58	2.95	10.5	2.58	0.851	0.853	0.750	0.820	2.04	2.84	3.82	2.81	1985
1986	2.35	2.82	5.23	3.41	2.19	1.46	0.517	0.522	0.421	0.504	1.39	2.54	1.94	1986
1987	2.07	2.15	3.18	8.57	2.58	3.25	2.84	1.08	0.838	1.93	2.25	3.31	2.84	1987
1988	1.70	4.30	7.15	3.73	2.26	1.32	1.02	2.85	2.15	1.69	2.78	2.78	2.80	1988
1989	2.84	2.99	5.48	8.40	3.86	1.56	0.872	0.769	0.407	0.859	1.75	0.883	2.53	1989
1970	0.823	0.885	1.38	6.49	2.48	0.982	1.14	0.853	1.21	1.48	2.20	3.08	1.92	1970
1971	1.84	1.95	2.81	7.85	1.98	2.00	1.48	1.62	1.08	0.808	1.06	2.47	2.23	1971
1972	1.85	1.48	2.16	12.0	3.28	2.32	1.71	0.789	0.788	1.92	2.18	2.59	2.73	1972
1973	3.04	2.91	10.7	5.21	3.65	1.92	0.840	0.844	0.487	0.973	2.45	1.78	2.91	1973
1974	2.59	2.56	7.56	6.47	6.44	2.32	1.06	0.784	0.837	0.760	1.72	1.17	2.84	1974
1975	1.49	2.09	4.84	7.36	2.81	1.67	0.705	0.881	1.18	1.06	1.84	1.93	2.30	1975
1976	1.37	3.75	11.1	8.63	4.74	1.88	1.61	1.46	1.75	1.83	1.47	1.24	3.24	1976
1977	0.648	0.858	7.80	4.78	1.62	1.06	0.878	1.27	2.23	3.41	3.46	4.18	2.89	1977
1978	2.88	1.85	3.08	11.3	4.32	1.83	0.720	0.898	1.71	1.43	1.86	1.74	2.72	1978
1979	1.84	1.43	7.82	8.83	4.19	1.81	1.25	1.49	1.86	1.36	2.52	3.84	3.18	1979
1980	2.12	1.10	5.34	5.84	3.08	1.85	1.87	0.850	1.03	1.44	1.28	1.88	2.32	1980
1981	0.943	5.44	2.74	2.89	1.85	1.20	1.88	1.51	2.18	2.98	2.80	1.75	2.31	1981
1982	1.24	1.11	3.24	10.9	2.83	3.56	1.81	1.18	1.58	1.49	3.38	5.80	3.13	1982
1983	3.04	3.54	3.86	4.88	5.35	2.15	0.888	1.21	1.22	1.24	1.51	1.88	2.67	1983
1984	1.11	4.89	4.49	8.08	3.05	1.95	0.905	0.843	1.23	0.998	1.93	2.41	2.48	1984
1985	1.82	3.53	9.13	10.7	2.43	1.83	1.55	1.45	2.40	1.90	5.08	3.80	3.84	1985
1986	2.45	1.99	6.03	3.88	2.82	2.08	3.05	3.21	8.06	6.93	3.42	3.47	4.05	1986
1987	2.56	1.38	5.43	7.00	1.83	1.08	1.17	0.748	0.709	1.09	1.47	2.43	2.25	1987
1988	1.83	2.19	4.35	3.88	1.81	0.824	0.507	0.634	0.713	1.14	3.00	1.49	1.78	1988
MEAN	1.85	2.44	5.21	6.82	2.96	1.88	1.23	1.14	1.65	1.82	2.17	2.42	2.59	MEAN

LOCATION - LAT 43 32 52 N DRAINAGE AREA, 236 km²
LONG 80 10 58 W REGULATED

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	19.7 ON MAR 31	---	---	1982
1983	---	24.4 A ON MAR 28	0.218 ON DEC 7	42 800	1983
1984	10.9 AT 08:00 EST ON MAR 12	8.75 ON APR 8	0.105A ON JUL 28 *	47 700	1984
1985	27.8 AT 16:00 EST ON FEB 11	25.6 ON APR 12	0.374B ON FEB 7	88 800	1985
1986	10.5 AT 17:30 EST ON DEC 8	9.85 ON MAR 20	0.232 ON OCT 7	61 300	1986
1987	36.8 AT 01:00 EST ON APR 4	29.4 ON APR 4	0.484 ON SEP 16	89 500	1987
1988	23.4 AT 10:00 EST ON AUG 24	21.0 ON AUG 24	0.548 ON JUL 31	88 700	1988
1989	16.9 AT 17:15 EST ON APR 19	17.4 ON APR 8	0.328 ON SEP 14	78 800	1989
1970	15.3 AT 19:01 EST ON APR 9	13.7 ON APR 10	0.433 ON AUG 8	60 400	1970
1971	16.9 AT 13:52 EST ON APR 14	16.5 ON APR 14	0.473 ON AUG 7	70 300	1971
1972	36.2 AT 10:10 EST ON APR 18	35.1 ON APR 18	0.524 ON SEP 16	85 400	1972
1973	30.0 AT 20:07 EST ON MAR 12	26.0 ON MAR 12	0.289 ON SEP 11	81 700	1973
1974	43.3 AT 04:17 EST ON MAY 18	34.6 ON MAY 18	0.493 ON AUG 17	89 800	1974
1975	47.6 AT 04:48 EST ON APR 20 *	38.8 ON APR 20	0.396 ON AUG 23	72 800	1975
1976	34.3 AT 19:37 EST ON MAR 21	28.4 ON MAR 22	0.885 ON AUG 27	103 000	1976
1977	46.3 AT 04:40 EST ON MAR 14	40.8 ON MAR 14	0.384 ON JUL 29	84 800	1977
1978	24.8 AT 18:48 EST ON APR 12	23.8 ON APR 12	0.447 ON AUG 13	85 700	1978
1979	38.3 AT 05:28 EST ON APR 18	33.1 ON APR 18	0.573 ON SEP 23	89 700	1979
1980	40.9 AT 05:00 EST ON MAR 22	37.8 ON MAR 22	0.583 ON AUG 29	73 300	1980
1981	19.9 AT 11:03 EST ON FEB 21	18.2 ON FEB 21	0.575 ON JUL 2	72 800	1981
1982	48.6 AT 01:43 EST ON APR 2	37.0 ON APR 1	0.736 ON AUG 18	86 600	1982
1983	13.4 AT 07:10 EST ON MAY 4	11.8 ON MAY 4	0.683 ON JUL 18	81 100	1983
1984	13.2 AT 08:48 EST ON APR 7	11.8 ON APR 7	0.493 ON AUG 28	77 800	1984
1985	32.5 AT 23:05 EST ON APR 6	28.7 ON APR 5	0.575 ON AUG 7	121 000	1985
1986	43.2 AT 07:10 EST ON SEP 12	40.8 ON SEP 12 *	0.870E ON JUL 18	128 000	1986
1987	24.4 AT 08:00 EST ON APR 7	23.0 ON APR 7	0.485 ON SEP 7	70 900	1987
1988	---	18.0 B ON MAR 27	0.281 ON JUL 10	55 700	1988
				81 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	0.090	0.473	1.20	---	---	---	---	---	---	---	---	0.800	---	1958
1959	0.107	---	---	---	---	---	---	---	---	0.024	0.080	0.071	---	1959
1960	---	---	0.837	2.55	---	---	---	---	---	---	---	---	---	1960
1961	---	---	1.32	0.805	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.148	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.189	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.888	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	2.10	---	---	---	---	---	---	---	---	---	1965
1966	---	---	1.81	0.218	---	---	---	---	---	---	---	---	---	1966
1967	0.270	0.112	1.62	1.31	0.088	0.781	0.459	0.122	0.048	0.008	0.063	0.733	---	1967
1968	0.080	1.29	2.25	0.228	0.148	0.114	0.048	0.303	0.174	0.214	0.380	0.812	0.527	1968
1969	0.438	0.472	2.26	2.11	0.858	0.087	0.138	0.082	0.013	0.090	0.887	0.856	0.512	1969
1970	0.044	0.091	1.74	1.25	0.125	0.026	0.201	0.086	0.076	0.080	0.104	0.083	0.531	1970
1971	0.131	0.184	1.46	2.25	0.070	0.052	0.051	0.042	0.024	0.128	0.351	0.540	0.389	1971
1972	0.218	0.040	0.446	4.81	0.127	0.195	0.204	0.153	0.107	0.025	0.033	0.183	0.375	1972
1973	1.22	0.810	3.34	0.830	0.287	0.126	0.085	0.091	0.098	0.185	0.480	0.748	0.838	1973
1974	1.05	0.853	2.41	1.42	1.29	0.180	0.120	0.088	0.092	0.178	0.327	0.348	0.847	1974
1975	0.308	1.94	1.47	1.06	0.345	0.136	0.143	0.158	0.147	0.121	0.187	0.148	0.841	1975
1976	0.200	2.25	2.24	0.818	0.538	0.149	0.180	0.142	0.318	0.100	0.141	0.156	0.500	1976
1977	0.085	0.492	2.50	0.589	0.111	0.151	0.142	0.284	0.437	0.277	0.232	0.137	0.615	1977
1978	0.264	0.118	2.51	3.42	---	---	---	---	---	0.882	0.713	0.974	0.626	1978
1979	0.348	0.099	3.59	1.84	0.587	0.158	0.108	0.193	0.148	0.244	0.302	0.262	---	1979
1980	0.412	0.121	1.46	1.66	0.285	0.218	0.299	0.134	0.128	0.199	0.428	1.38	0.770	1980
1981	0.053	2.23	0.273	0.247	0.199	0.135	0.288	0.264	0.407	0.196	0.146	0.338	0.452	1981
1982	0.278	0.261	3.89	1.29	0.151	0.852	0.122	0.207	0.281	0.870	0.762	0.280	0.483	1982
1983	0.443	0.918	1.06	1.42	1.05	0.182	0.113	0.232	0.154	0.191	0.880	1.86	0.844	1983
1984	0.108	2.85	1.84	1.08	0.358	0.205	0.135	0.183	0.222	0.305	0.485	0.828	0.575	1984
1985	0.208	1.62	3.32	1.43	0.208	0.189	0.192	0.840	0.348	0.108	0.327	0.728	0.834	1985
1986	0.448	0.191	2.52	0.507	0.457	0.216	0.227	0.729	3.43	0.285	1.98	0.857	0.918	1986
1987	0.404	0.155	2.09	1.51	0.105	0.107	0.207	0.099	0.236	0.984	0.436	0.818	0.918	1987
1988	0.411	0.821	1.01	0.804	0.178	0.095	0.186	0.131	0.292	0.187	0.482	0.885	0.844	1988
MEAN	0.318	0.785	1.84	1.32	0.345	0.194	0.172	0.208	0.342	0.258	0.441	0.577	0.686	MEAN

LOCATION - LAT 43 41 28 N, LONG 79 45 35 W DRAINAGE AREA, 83.2 km² NATURAL FLOW

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	12.8 ON DEC 22	0.008 ON SEP 13	16 600	1969
		14.4 ON FEB 2	0.0088 ON MAR 7	18 200	1970
		22.6 ON APR 18	0.002 ON JUL 19	16 700	1971
1970	---				1972
1971	19.6 AT 13:38 EST ON APR 2	6.84 ON APR 3	0 ON JUN 14 *	12 300	1973
1972	37.1 AT 21:31 EST ON APR 11	18.2 ON APR 2	0.013 ON AUG 6	11 800	1974
1973	28.2 AT 21:30 EST ON MAR 11	28.2 ON APR 13	0.024 ON FEB 25	20 200	1975
1974	62.7 AT 02:44 EST ON MAY 17	10.3 ON MAR 12	0.045 ON JUL 23	20 400	1976
1975	42.6E AT 22:20 EST ON FEB 24	28.7 ON MAR 5	0.045 ON JUN 12	20 200	1977
1976	24.8 AT 18:40 EST ON MAR 20	27.8 E ON FEB 24	0.048 ON AUG 12	15 800	1978
1977	23.0 AT 18:00 EST ON MAR 13	23.4 ON MAR 20	0.015 ON JUL 23	18 500	1979
1978	45.0 AT 20:00 EST ON APR 1	13.0 ON MAR 13	0.003 ON JUN 12	19 700	1980
1979	31.1 AT 09:52 EST ON MAR 14	22.8 ON APR 1	---	---	1981
1980	31.5 AT 01:02 EST ON APR 15	18.5 ON APR 14	0.048 ON AUG 21	24 300	1982
1981	18.5 AT 21:00 EST ON FEB 18	16.3 ON MAR 21	0.0758 ON FEB 3	14 300	1983
1982	29.7 AT 07:56 EST ON MAR 31	15.8 ON FEB 18	0.0308 ON FEB 10	15 200	1984
1983	18.4 AT 13:39 EST ON APR 10	24.1 ON MAR 31	0.057 ON JUL 25	26 800	1985
1984	---	10.6 ON FEB 3	0.050 ON JUL 16	18 100	1986
1985	28.4 AT 23:20 EST ON FEB 24	10.0 B ON FEB 14	0.0418 ON JAN 22	20 000	1987
1986	55.7 AT 06:51 EST ON SEP 11 *	13.1 ON FEB 25	0.0438 ON FEB 8	26 800	1988
1987	34.1 AT 00:24 EST ON MAR 8	28.2 ON SEP 11 *	0.089 ON AUG 4	28 800	MEAN
1988	---	18.8 ON MAR 8	0.024 ON AUG 24	17 200	
		8.00 ON APR 4	0.010 ON JUL 10	11 800	
				18 800	

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.310	1.20	2.71	---	1966
1967	1.01	0.965	5.29	4.33	0.890	1.98	1.39	0.801	0.521	1.04	1.12	2.36	1.78	1967
1968	0.836	5.53	6.60	0.896	1.11	0.682	0.513	2.24	1.15	0.676	4.16	2.28	2.20	1968
1969	3.21	1.05	5.70	4.41	2.05	0.500	1.70	1.18	0.320	0.528	1.06	0.820	1.87	1969
1970	0.568	1.26	4.50	3.71	1.01	0.475	0.947	1.69	1.08	0.881	1.45	2.31	1.67	1970
1971	1.48	2.61	6.31	4.43	0.688	0.913	0.685	1.12	0.585	0.582	0.574	1.46	1.79	1971
1972	1.80	1.50	4.98	12.1	0.499	0.985	1.06	0.724	0.563	1.21	2.48	3.25	2.56	1972
1973	3.11	2.26	9.09	3.43	1.61	0.748	0.571	0.493	0.533	1.27	2.56	1.97	2.31	1973
1974	3.22	1.43	4.80	3.87	5.68	1.78	0.841	0.247	0.411	0.343	1.03	0.871	1.98	1974
1975	1.46	5.02	3.85	3.04	1.69	0.670	0.325	1.10	0.745	0.703	0.778	0.973	1.85	1975
1976	0.833	6.12	5.67	2.79	2.48	0.818	0.957	0.871	0.878	0.713	0.388	0.474	1.96	1976
1977	0.278	1.78	4.67	2.19	0.422	0.883	0.948	1.19	2.88	2.85	2.76	6.11	2.28	1977
1978	0.871	0.440	5.38	5.32	1.98	0.527	0.478	0.695	2.26	0.692	1.01	1.24	1.83	1978
1979	1.78	0.742	9.54	8.00	2.45	0.885	0.750	1.33	0.841	1.14	2.27	5.54	2.79	1979
1980	1.63	0.281	4.26	5.81	1.26	1.33	2.37	0.880	0.826	1.38	0.883	1.58	1.84	1980
1981	0.204	4.58	0.870	1.05	1.08	0.899	1.28	2.25	2.58	4.05	2.63	1.04	1.85	1981
1982	1.45	0.547	10.7	3.54	0.924	3.20	0.748	1.78	2.89	1.28	4.27	5.77	3.09	1982
1983	1.72	3.02	3.85	4.70	3.58	0.836	0.487	1.13	0.917	1.26	2.82	3.08	2.28	1983
1984	0.488	7.73	5.66	3.07	2.31	1.06	0.957	0.923	1.42	0.571	1.69	2.08	2.31	1984
1985	0.802	5.42	8.82	3.82	1.24	0.817	1.00	3.21	1.81	1.33	7.82	2.08	3.23	1985
1986	1.63	0.875	10.8	2.13	2.03	1.47	1.82	4.36	11.1	3.23	1.76	4.26	3.81	1986
1987	1.20	0.881	5.18	5.21	0.787	1.52	2.39	1.03	0.811	0.877	1.62	3.13	2.04	1987
1988	1.03	1.89	3.05	2.00	0.880	0.584	1.44	0.755	1.62	1.41	2.09	1.24	1.48	1988
MEAN	1.35	2.52	6.03	3.89	1.65	1.07	1.08	1.34	1.85	1.24	2.09	2.44	2.21	MEAN

LOCATION - LAT 43 36 02 N DRAINAGE AREA, 204 km²
LONG 79 33 24 W NATURAL FLOW

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	74.2 AT 12:00 EST ON APR 3	26.6 ON APR 3	0.153 ON JUN 5	56 100	1967
1968	157 AT 02:00 EST ON AUG 6	94.9A ON FEB 2 *	0.181 ON JUL 29	69 700	1968
1969	97.1 AT 22:50 EST ON APR 15	43.3 ON APR 15	0.181 ON JUL 21	59 000	1969
1970	56.6 AT 22:58 EST ON AUG 30	18.4 ON APR 3	0.265E ON AUG 11	52 800	1970
1971	84.4 AT 19:43 EST ON MAR 15	38.2 ON APR 2	0.238 ON AUG 4	56 600	1971
1972	58.3 AT 20:01 EST ON APR 13	45.9 ON APR 13	0.125 ON MAY 28	60 900	1972
1973	---	35.7 ON MAR 12	0.108 ON SEP 10 *	72 900	1973
1974	183 AT 01:39 EST ON MAY 17 *	79.6 ON MAY 17	0.170 ON AUG 20	62 300	1974
1975	---	65.1E ON FEB 24	0.150 ON JUL 1	52 000	1975
1976	56.1 AT 19:26 EST ON MAR 5	38.5 ON MAR 20	0.161 ON AUG 23	61 900	1976
1977	71.4 AT 02:13 EST ON SEP 25	28.6 ON MAR 13	0.150 ON JUN 13	71 800	1977
1978	45.6 AT 04:16 EST ON SEP 12	26.1 ON MAR 23	0.162 ON JUL 17	57 700	1978
1979	97.3 AT 17:21 EST ON DEC 25	72.6 ON DEC 25	0.223 ON JUL 6	87 900	1979
1980	97.4 AT 22:09 EST ON APR 14	51.7 ON MAR 21	0.200E ON FEB 3	58 100	1980
1981	84.6 AT 20:23 EST ON AUG 4	28.0E ON FEB 17	0.180B ON JAN 22	58 400	1981
1982	74.1 AT 17:08 EST ON MAR 13	43.5 ON MAR 31	0.242B ON JAN 27	97 800	1982
1983	54.4 AT 18:13 EST ON MAY 2	29.7 ON FEB 3	0.223 ON SEP 12	72 100	1983
1984	88.7 AT 08:34 EST ON FEB 14	56.0E ON FEB 14	0.259 ON JUL 30	72 900	1984
1985	87.3 AT 09:31 EST ON AUG 28	42.3 ON MAR 12	0.361 ON AUG 4	102 000	1985
1986	181 AT 04:16 EST ON AUG 27	80.6 ON SEP 11	0.327 ON JUL 11	120 000	1986
1987	87.7 AT 01:34 EST ON JUL 20	38.6 ON APR 5	0.196 ON AUG 24	84 500	1987
1988	---	14.3 ON SEP 4	0.178E ON JUL 10	48 700	1988
				69 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER AT NORVAL - STATION NO. 02HB025

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	2.15	0.932	---	---	1945
1946	---	---	---	---	---	---	---	---	---	---	5.74	4.84	---	1946
1947	---	---	4.88	0.244	0.384	0.224	0.085	0.057	0.113	0.196	0.331	---	---	1947
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
			5.88	1.08	3.53	0.703	0.208	0.112	0.201	0.182	0.397	---	---	
			---	---	---	---	---	---	---	---	5.74	4.84	---	
1948	0.085	---	14.1	1.15	1.02	0.313	0.303	0.057	0.208	0.184	0.830	0.280	---	1948
1949	4.47	3.77	5.14	0.787	0.177	0.088	0.135	0.032	0.189	0.151	0.184	1.58	1.38	1949
	LOCATION - LAT 43 38 55 N				DRAINAGE AREA, 818 km²									
1950	2.82	0.538	9.38	4.80	0.183	0.184	0.178	0.104	0.089	0.522	0.742	1.70	1.76	1950
	LONG 79 51 22 W				NATURAL FLOW									
1951	1.70	3.17	5.77	5.47	0.183	0.105	0.095	0.004	0.040	0.078	2.18	0.195	1.85	1951
REMARKS - STATION ACTIVATED OCT 1950														
1952	2.87	3.82	8.33	4.39	0.335	0.047	0.015	0.040	0.035	0.037	0.357	0.188	1.71	1952
1953	1.05	1.09	2.64	0.280	3.01	0.520	0.055	0.070	0.043	0.085	0.095	0.183	0.781	1953
1954	0.813	5.88	5.09	3.58	0.287	0.180	0.015	0.038	0.080	---	---	---	---	1954
1955	---	3.76	5.23	3.25	0.315	0.145	0.032	0.872	0.052	0.125	0.544	0.884	---	1955
1956	0.589	0.567	7.89	4.95	5.61	0.171	0.884	0.375	0.295	0.175	0.177	1.05	1.92	1956
1957	1.83	4.36	2.98	3.36	0.681	1.23	0.226	0.049	0.215	0.279	0.513	1.30	1.40	1957
1958	0.151	1.01	2.95	0.571	0.193	0.054	0.047	0.037	0.136	0.080	0.185	0.097	0.462	1958
1959	0.282	0.384	1.48	5.52	0.385	0.212	0.151	0.029	0.085	0.204	0.215	0.883	0.815	1959
1960	0.854	0.810	2.75	5.84	3.88	0.271	0.218	0.104	0.081	0.129	0.132	0.108	1.37	1960
1961	0.037	3.05	2.36	1.77	0.810	0.241	0.187	0.187	0.200	0.154	0.138	0.140	0.763	1961
1962	0.152	0.188	4.80	0.430	0.153	0.155	0.280	0.248	0.378	---	---	---	---	1962
MEAN	1.27	2.38	5.49	3.16	1.10	0.448	0.219	0.136	0.137	0.284	0.488	0.821	1.26	MEAN
	LOCATION - LAT 43 37 36 N				DRAINAGE AREA, 166 km²									
	LONG 79 33 51 W				NATURAL FLOW									

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	41.8 ON MAR 7	0 ON OCT 6 *	---	1946
1947	---	83.4 ON MAR 25	0.028 ON AUG 18	---	1947
1948	---	87.2E ON MAR 18	0 ON SEP 5	---	1948
1949	---	87.2E ON MAR 22	0 ON AUG 1	43 500	1949
1950	---	93.4E ON MAR 27 *	0 ON JUL 28	55 500	1950
1951	---	53.5 ON NOV 14	0 ON JUL 25	49 400	1951
1952	---	58.5 ON MAR 11	0 ON JUL 5	54 000	1952
1953	---	48.1 ON MAR 4	0 ON JUL 18	24 000	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	204 AT 02:00 EST ON MAR 7 *	77.9E ON MAY 12	0.057E ON JUL 19	80 800	1956
1957	---	84.3 ON FEB 28	0 ON AUG 13	44 000	1957
1958	---	19.1 ON FEB 26	0 ON AUG 1	14 800	1958
1959	47.5 ON MAR 31	37.9 ON APR 2	0.014 ON JUL 28	25 700	1959
1960	---	32.8 ON APR 4	0.037 ON AUG 31	43 300	1960
1961	83.1 ON FEB 23	27.9 ON FEB 23	0.0288 ON JAN 11	23 600	1961
1962	---	17.0E ON MAR 15	---	---	1962
				39 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	0.082	0.058	0.057	1.54	0.892	0.828	0.343	0.308	1.27	0.815	0.188	0.130	0.543	1985
1986	0.076	0.084	0.078	1.24	0.655	0.101	0.282	0.043	0.107	0.148	0.187	0.118	0.255	1986
1987	0.067	0.058	0.117	0.267	0.303	0.285	0.073	0.825	0.237	0.141	0.189	0.118	0.208	1987
1988	0.052	0.028	0.028	0.837	0.358	0.173	0.043	0.927	0.427	0.197	0.339	0.142	0.271	1988
MEAN	0.072	0.052	0.068	0.921	0.552	0.342	0.178	0.478	0.510	0.325	0.303	0.127	0.319	MEAN
	LOCATION - LAT 48 53 40 N				DRAINAGE AREA, 44.5 km²									
	LONG 91 40 03 W				NATURAL FLOW									

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	13.0 AT 05:42 CST ON APR 24 *	11.1 ON APR 24 *	0.0528 ON MAR 1	17 100	1985
1986	3.37 AT 16:20 CST ON APR 9	2.28 ON APR 9	0.024 ON AUG 19	8 050	1986
1987	2.52 AT 02:30 CST ON AUG 18	2.49 ON AUG 18	0.036 ON JUL 7	8 510	1987
1988	4.09 AT 04:13 CST ON AUG 24	3.83 ON AUG 24	0.022 ON JUL 28 *	8 570	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 100	MEAN

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	0.057	0.050	0.057	1.19	0.788	0.808	0.205	0.241	0.828	0.482	0.141	0.081	0.418	1985
1986	0.057	0.037	0.041	0.887	0.510	0.059	0.202	0.031	0.127	0.187	0.151	0.075	0.204	1986
1987	0.038	0.025	0.085	0.184	0.209	0.180	0.059	0.488	0.237	0.133	0.145	0.078	0.181	1987
1988	0.050	0.027	0.026	0.527	0.251	0.076	0.030	0.693	0.483	0.131	0.170	0.123	0.214	1988
MEAN	0.051	0.035	0.052	0.720	0.434	0.276	0.124	0.358	0.438	0.226	0.152	0.090	0.248	MEAN

LOCATION - LAT 48 55 30 N DRAINAGE AREA, 31.9 km^2
LONG 91 38 44 W NATURAL FLOW

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	10.8 E AT 13:30 CST ON APR 23 *	7.19 ON SEP 20 *	0.001 ON SEP 15 *	13 100	1985
1986	2.00 AT 17:35 CST ON APR 8	1.82 ON APR 8	0.015 ON AUG 19	5 430	1986
1987	2.11 AT 13:55 CST ON AUG 17	2.03 ON AUG 17	0.0218 ON MAR 2	4 750	1987
1988	3.76 AT 08:10 CST ON AUG 23	3.35 ON AUG 23	0.015 ON JUL 28	5 780	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 770	MEAN

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	2.01	---	1984
1985	2.28	11.1	8.77	13.3	1.82	0.378	0.187	0.248	0.282	1.43	3.15	4.21	3.88	1985
1986	2.20	3.88	9.86	3.84	2.01	1.33	0.205	0.203	0.222	0.330	0.850	5.23	2.49	1986
1987	3.84	1.95	8.43	8.82	2.21	3.69	1.89	1.08	0.377	1.42	3.23	8.19	3.86	1987
1988	1.38	11.3	9.07	3.18	1.81	1.80	0.516	1.46	1.78	2.05	5.36	4.36	3.80	1988
1989	6.90	4.78	6.91	11.0	5.35	1.08	0.883	0.514	0.235	0.486	1.02	0.890	3.32	1989
1970	0.888	1.25	8.22	8.21	2.05	0.268	0.716	0.382	0.892	1.30	2.37	3.23	2.12	1970
1971	1.87	3.88	13.6	8.82	1.11	0.587	0.381	0.388	0.241	0.343	0.348	1.47	2.88	1971
1972	2.11	0.802	11.3	11.4	3.40	1.21	0.875	3.46	0.428	1.41	3.93	4.43	3.78	1972
1973	4.17	3.42	18.7	7.29	3.03	1.13	0.488	0.425	0.382	0.888	3.37	3.80	4.01	1973
1974	10.8	8.68	8.08	7.24	8.88	3.04	0.815	0.380	0.393	0.424	0.941	1.24	4.08	1974
1975	2.40	8.08	8.80	8.31	1.84	0.808	0.831	0.683	2.43	1.48	3.21	3.89	3.30	1975
1976	2.12	13.3	15.8	8.71	8.75	1.52	1.10	0.878	1.47	1.17	1.20	0.830	4.37	1976
1977	0.412	1.30	14.8	7.30	1.31	1.48	1.78	0.582	4.33	5.24	3.25	11.1	4.44	1977
1978	2.08	1.50	12.8	11.8	4.37	0.787	0.535	0.526	1.08	0.935	1.38	2.24	3.33	1978
1979	1.88	1.43	14.5	14.8	3.08	0.810	0.502	0.883	0.402	0.748	3.45	8.85	4.28	1979
1980	3.78	0.872	7.74	11.4	4.04	1.37	0.881	0.818	0.810	1.81	1.38	2.18	3.07	1980
1981	0.530	8.38	3.05	3.81	2.00	0.844	0.587	0.730	3.88	4.88	3.51	2.13	2.88	1981
1982	1.38	0.802	8.83	11.8	2.28	3.31	0.720	2.02	1.88	2.06	5.28	11.7	4.48	1982
1983	3.37	8.37	7.22	7.85	8.77	2.09	0.943	1.54	0.524	0.983	1.82	4.78	3.80	1983
1984	0.843	15.5	8.60	7.19	2.94	5.08	1.17	0.952	1.43	0.721	2.57	4.70	4.34	1984
1985	4.42	8.85	20.3	8.31	1.38	1.45	1.17	1.08	0.828	1.58	12.2	4.00	5.51	1985
1986	3.40	1.98	11.4	4.24	2.81	1.35	2.45	1.53	2.84	8.73	4.55	9.05	4.40	1986
1987	3.51	1.75	8.31	10.4	1.02	1.47	1.84	1.30	0.580	0.747	2.28	8.73	3.17	1987
1988	1.45	2.42	7.53	4.98	1.58	0.382	0.585	0.450	0.740	1.36	4.30	2.31	2.34	1988
MEAN	2.80	5.07	10.8	8.16	3.05	1.58	0.921	0.927	1.16	1.67	3.11	4.48	3.83	MEAN

LOCATION - LAT 43 08 48 N DRAINAGE AREA, 380 km^2
LONG 80 09 18 W NATURAL FLOW

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	72.2A ON FEB 11	0.023 ON AUG 1 *	122 000	1985
1986	---	30.6 ON MAR 6	0.040 ON AUG 31	78 800	1986
1987	---	33.7 ON APR 4	0.236 ON SEP 17	113 000	1987
1988	---	76.7A ON FEB 3 *	0.224 ON JUL 31	114 000	1988
1989	---	59.5B ON JAN 31	0.159 ON AUG 28	105 000	1989
1970	21.9 AT 03:35 EST ON APR 3	20.3 ON APR 3	0.215 ON JUL 7	88 800	1970
1971	38.5B AT 14:00 EST ON MAR 16	34.0B ON FEB 28	0.170 ON NOV 5	80 400	1971
1972	---	31.1B ON MAR 23	0.328 ON SEP 23	118 000	1972
1973	46.7 AT 19:30 EST ON MAR 8	43.3 ON MAR 15	0.269 ON SEP 14	128 000	1973
1974	66.8 AT 14:10 EST ON JAN 28	55.4 ON JAN 28	0.187 ON JUL 28	129 000	1974
1975	35.8 AT 00:37 EST ON FEB 26	35.0 ON FEB 25	0.286 ON AUG 19	104 000	1975
1976	44.5 AT 23:51 EST ON MAR 6	42.8 ON MAR 5	0.425 ON SEP 5	138 000	1976
1977	49.8B AT 13:45 EST ON MAR 11	46.4 ON MAR 14	0.323 ON JUL 28	140 000	1977
1978	---	49.6B ON MAR 24	0.354 ON SEP 7	105 000	1978
1979	72.7B AT 07:30 EST ON MAR 5 *	63.7 ON APR 15	0.260E ON SEP 12	134 000	1979
1980	56.1 AT 07:13 EST ON MAR 22	52.4 ON MAR 22	0.453 ON SEP 12	97 100	1980
1981	---	42.0B ON FEB 21	0.245 ON AUG 27	81 300	1981
1982	51.5 AT 17:01 EST ON APR 1	49.0 ON APR 1	0.383 ON SEP 15	141 000	1982
1983	36.4 AT 04:16 EST ON FEB 4	34.5 ON FEB 4	0.380 ON SEP 12	120 000	1983
1984	---	66.0B ON FEB 15	0.647 ON AUG 27	137 000	1984
1985	---	54.0B ON FEB 25	0.857 ON SEP 23	174 000	1985
1986	47.0B AT 18:19 EST ON MAR 19	42.7 ON MAR 20	1.12 ON JUL 6	139 000	1986
1987	54.1 AT 19:55 EST ON APR 6	48.8 ON APR 6	0.458 ON SEP 7	98 800	1987
1988	---	16.7 ON MAR 27	0.272 ON JUL 10	74 000	1988
				114 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.518	0.551	0.418	0.453	1.58	0.704	---	1913
1914	1.65	2.10	8.11	5.14	4.14	0.888	0.290	0.262	0.386	0.345	0.743	0.877	2.08	1914
1915	0.582	5.78	6.44	1.61	0.831	0.283	0.342	2.26	1.48	1.89	1.48	1.17	2.06	1915
1916	23.0	5.80	10.8	14.8	7.58	3.83	0.558	0.372	---	---	---	---	---	1916
MEAN	8.48	4.82	8.45	7.18	4.12	1.80	0.427	0.871	0.785	0.828	1.27	0.817	2.07	MEAN

LOCATION - LAT 43 08 36 N, LONG 80 08 05 W
DRAINAGE AREA, 288 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	40.6 ON MAY 7	0.113 ON JUL 26 *	65 800	1914
1915	---	21.3B ON FEB 25	0.198 ON JUN 29	84 900	1915
1916	---	67.7 ON MAR 30 *	---	---	1916
				65 300	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	0.107	1.02	2.82	---	1974
1975	3.21	2.79	4.67	11.8	7.26	2.38	0.502	0.188	0.073	0.331	0.427	1.88	2.94	1975
1976	2.21	3.18	8.42	15.9	8.48	2.27	1.18	0.102	0.263	0.880	0.888	0.884	3.63	1976
1977	1.21	1.16	7.88	9.81	3.78	0.977	0.388	0.114	0.095	0.102	0.448	2.70	2.38	1977
1978	5.83	5.82	3.81	14.5	6.49	0.917	0.083	0.075	0.223	0.207	0.308	0.818	3.28	1978
1979	2.27	3.07	8.18	14.0	5.89	3.08	0.516	0.122	0.105	0.230	0.997	3.18	3.63	1979
1980	4.38	3.05	8.80	10.7	8.38	2.08	1.19	0.533	0.539	0.871	2.13	3.58	3.58	1980
1981	2.05	7.88	8.48	3.84	2.84	3.28	1.58	0.894	4.81	3.58	5.19	3.05	3.95	1981
1982	2.45	2.08	2.41	13.4	7.03	3.82	1.22	0.544	0.422	0.567	2.28	5.87	3.51	1982
1983	6.24	4.82	8.48	8.48	8.88	3.74	0.885	0.213	0.183	0.262	1.89	5.27	4.12	1983
1984	3.81	5.88	8.98	15.8	8.70	2.81	1.27	0.477	0.090	0.023	0.088	0.317	3.88	1984
1985	1.27	1.88	7.58	10.4	3.78	1.28	0.413	0.074	0.120	0.172	1.61	3.11	2.82	1985
1986	2.58	2.48	4.18	7.58	3.83	3.84	1.68	1.80	2.06	8.51	3.95	4.48	3.75	1986
1987	3.32	2.44	4.33	13.0	3.82	2.37	1.44	0.238	0.071	0.267	1.08	8.52	3.22	1987
1988	3.59	3.84	3.87	8.80	4.48	1.38	0.208	0.049	0.048	0.082	0.634	1.83	2.48	1988
MEAN	3.15	3.82	8.18	11.4	5.88	2.44	0.883	0.383	0.854	0.843	1.84	3.07	3.34	MEAN

LOCATION - LAT 44 57 01 N, LONG 76 24 11 W
DRAINAGE AREA, 277 km^2
REGULATED

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	18.3 AT 10:17 EST ON APR 24	16.8 ON APR 25	0.023E ON OCT 4	82 800	1975
1976	28.8 AT 17:19 EST ON APR 2 *	26.8 ON APR 3 *	0.058A ON AUG 2	112 000	1976
1977	16.8 AT 17:43 EST ON MAR 16	16.5 ON MAR 17	0.074A ON SEP 9	75 000	1977
1978	20.7 AT 02:44 EST ON APR 23	20.5 ON APR 22	0.058E ON JUL 19	103 000	1978
1979	22.2 AT 05:57 EST ON APR 8	20.0 ON APR 8	0.083 ON SEP 26	111 000	1979
1980	20.4 AT 23:47 EST ON MAR 22	20.0 ON MAR 23	0.211 ON AUG 28	114 000	1980
1981	22.8 AT 06:23 EST ON FEB 25	22.6 ON FEB 25	0.508 ON AUG 8	125 000	1981
1982	20.3 AT 10:08 EST ON APR 29	18.3 ON APR 23	0.177 ON SEP 13	111 000	1982
1983	12.8 AT 02:44 EST ON MAY 10	12.7 ON MAY 10	0.144E ON SEP 20	130 000	1983
1984	21.0 AT 11:05 EST ON MAY 11	20.7 ON APR 9	0.002E ON NOV 10 *	123 000	1984
1985	15.6 AT 13:41 EST ON APR 8	13.5 ON APR 8	0.050A ON AUG 21	82 500	1985
1986	11.4 AT 13:44 EST ON APR 1	10.8 ON APR 1	1.13 ON JUL 25	118 000	1986
1987	20.2 AT 05:46 EST ON APR 8	18.8 ON APR 7	0.050E ON SEP 8	101 000	1987
1988	---	13.1 ON APR 5	0.041A ON AUG 31	78 700	1988
				108 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAREWELL CREEK AT OSHAWA - STATION NO. 02HB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.480	0.157	0.208	0.488	0.481	0.537	---	1980
1981	0.151	2.21	0.633	0.458	0.287	0.152	0.131	0.117	0.291	0.635	0.585	0.280	0.488	1981
1982	0.300	0.128	2.38	2.15	0.251	1.32	0.283	0.195	0.152	0.140	0.587	0.705	0.726	1982
1983	0.807	1.38	1.33	1.21	1.13	0.233	0.100	0.097	0.086	0.170	0.585	0.848	0.885	1983
1984	0.150	3.03	1.77	4.95	0.744	0.184	0.131	0.180	0.283	0.222	0.413	0.593	1.04	1984
1985	0.248	1.31	2.48	1.73	0.384	0.141	---	---	---	---	---	---	---	1985
1986	---	---	---	---	0.240	0.187	0.134	0.758	1.80	0.842	0.480	1.03	---	1986
1987	0.411	0.287	1.44	0.888	0.145	0.185	0.148	0.088	0.285	0.192	0.805	1.18	0.505	1987
1988	0.802	0.978	1.18	1.02	0.320	0.188	0.092	0.083	0.153	0.300	0.585	0.533	0.489	1988
MEAN	0.387	1.33	1.80	1.77	0.440	0.323	0.188	0.208	0.394	0.350	0.584	0.712	0.852	MEAN

LOCATION - LAT 43 53 18 N, LONG 78 48 18 W DRAINAGE AREA, 58.5 km^2, NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUL 02 1985 TO APR 15 1986.

FAREWELL CREEK AT OSHAWA - STATION NO. 02HB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	12.6 B ON FEB 20	0.020 ON JUL 17	15 300	1981
1982	---	13.0 E ON APR 3	0.055 ON SEP 9	22 800	1982
1983	---	8.55 ON MAR 19	0.078 ON AUG 15	21 000	1983
1984	---	33.8 ON FEB 14 *	0.078 ON JUL 30	22 800	1984
1985	---	13.8 ON APR 2	---	---	1985
1986	---	---	---	---	1986
1987	---	6.50 ON APR 5	0.055 ON AUG 8	15 900	1987
1988	---	7.30 ON MAR 28	0.014 ON AUG 11 *	15 500	1988
				20 600	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	0.135	2.47	1.88	0.425	0.161	0.088	0.105	0.115	0.211	0.448	---	1971
1972	0.195	0.266	0.201	1.33	3.78	0.452	0.254	0.389	0.314	1.08	1.04	0.395	0.802	1972
1973	0.351	0.303	2.26	2.82	1.76	1.08	0.208	0.178	0.130	0.382	0.477	0.410	0.838	1973
1974	0.198	0.183	0.450	3.28	2.05	0.880	0.819	0.184	0.200	0.859	0.881	0.497	0.820	1974
1975	0.388	0.228	0.278	2.03	2.21	0.713	0.128	0.118	0.084	0.091	0.084	0.319	0.585	1975
1976	0.172	0.124	1.25	2.65	1.88	0.443	0.087	0.082	0.209	0.220	0.206	0.188	0.601	1976
1977	0.176	0.173	0.658	1.83	0.213	0.188	0.090	0.131	0.183	0.282	0.310	0.388	0.382	1977
1978	0.181	0.128	0.118	1.28	2.18	0.458	0.181	0.087	0.203	0.363	0.263	0.282	0.474	1978
1979	0.208	0.184	0.836	4.20	2.17	0.788	0.482	0.214	0.248	0.735	0.711	0.437	0.930	1979
1980	0.297	0.180	0.352	3.03	1.48	0.252	0.117	0.088	0.181	0.853	0.482	0.248	0.882	1980
1981	0.188	0.768	0.902	3.70	0.868	0.648	0.280	0.058	0.128	0.407	0.574	0.480	0.748	1981
1982	0.258	0.218	0.238	2.71	1.08	0.251	0.098	0.048	0.180	0.400	0.480	0.538	0.540	1982
1983	0.337	0.188	0.738	2.88	2.85	0.743	0.187	0.230	0.140	0.318	---	---	---	1983
MEAN	0.244	0.238	0.683	2.84	1.85	0.588	0.218	0.143	0.171	0.431	0.481	0.381	0.676	MEAN

LOCATION - LAT 47 25 28 N, LONG 79 37 59 W DRAINAGE AREA, 62.9 km^2, NATURAL FLOW

REMARKS - DISCONTINUED NOV 23 1983

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	23.7 AT 14:37 EST ON MAY 3 *	18.3 ON MAY 3 *	0.108 ON JUL 8	25 300	1972
1973	---	4.33 ON MAY 4	0.004 ON JUL 8	28 400	1973
1974	7.42 AT 10:10 EST ON APR 28	7.31 ON APR 28	0.051 ON AUG 7	25 900	1974
1975	---	5.71E ON APR 28	0.014E ON SEP 3	17 500	1975
1976	---	5.24E ON MAR 28	0.008E ON AUG 28	18 000	1976
1977	---	3.08E ON APR 21	0.014E ON JUL 22	12 000	1977
1978	---	4.38E ON APR 28	0.042E ON AUG 18	14 900	1978
1979	---	12.8 E ON APR 27	0.152B ON FEB 24	28 400	1979
1980	7.87 AT 23:00 EST ON APR 10	7.45 ON APR 10	0.002 ON OCT 3	21 800	1980
1981	7.02 AT 08:21 EST ON APR 18	6.80 ON APR 6	0.024 ON AUG 28	23 500	1981
1982	5.86 AT 14:48 EST ON APR 17	5.37 ON APR 27	0 ON JUL 23 *	17 000	1982
1983	7.87 AT 22:08 EST ON MAY 2	7.48 ON MAY 3	0.031 ON JUL 22	---	1983
				21 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.7	21.0	18.4	---	1967
1968	17.8	16.8	15.6	15.7	19.6	21.5	23.0	29.2	47.7	53.0	54.1	44.2	29.9	1968
1969	37.2	34.5	30.1	27.3	32.5	34.2	34.9	31.9	30.7	51.5	49.4	44.9	36.5	1969
1970	38.0	33.7	29.9	27.0	37.5	59.4	83.7	73.7	60.2	65.1	65.1	59.0	52.9	1970
1971	49.2	40.2	34.5	34.3	57.3	84.4	58.1	55.0	45.3	43.9	56.7	53.0	48.5	1971
1972	36.6	28.9	24.7	24.7	42.3	55.0	46.5	39.9	34.1	37.9	36.5	30.5	36.7	1972
1973	27.3	26.2	26.0	26.1	36.1	54.3	63.5	60.3	58.6	52.7	52.3	51.0	44.7	1973
1974	42.5	36.1	31.8	29.0	31.1	64.3	76.4	62.9	56.7	51.9	46 0	38.4	47.2	1974
1975	32.3	27.3	24.3	23.8	38.3	55.3	82.2	68.8	64.5	58.9	58.4	48.4	50.8	1975
1976	38.6	32.8	28.4	27.2	38.2	51.8	55.4	53.8	41.7	30.4	25.0	21.0	37.2	1976
1977	20.0	19.8	19.7	19.9	26.1	27.1	26.5	26.8	26.8	28.7	27.0	24.7	24.5	1977
1978	22.6	21.7	21.2	21.4	24 0	32.6	41.9	42.7	36.5	34.9	37.2	33.2	30.8	1978
1979	28.3	26.7	26.7	26.0	28.3	36.1	33.9	31.3	30.2	32.4	34.5	31.5	30.5	1979
1980	28.3	27.2	25.5	24.0	28.4	30.3	29.4	28.2	29.3	41.8	42.0	35.1	30.9	1980
1981	31.3	28.6	27.0	25.1	28.1	38.5	40.9	42.1	46.5	57.7	54.8	48.4	38.8	1981
1982	36.6	34.9	31.4	28.1	46.2	66.8	77.6	79.8	73.1	63.1	64.8	46.1	53.6	1982
1983	38.7	33.5	29.7	28.0	33.8	---	---	---	---	---	---	---	---	1983
1984	35.0	31.3	27.1	27.7	38.7	46.8	47.3	39.9	32.0	36.0	34.6	30.3	36.6	1984
1985	27.2	25.0	23.5	23.0	45.6	80.7	102	81.3	64.5	58.2	59.8	45.6	54.1	1985
1986	35.6	30.6	28.8	30.3	48.1	55.1	48.8	44.9	50.3	52.4	46.1	39.1	42.7	1986
1987	34.1	30.6	28.8	27.8	34.9	35.2	33.5	30.7	30.9	31.5	32.6	30.2	31.7	1987
1988	24.1	22.0	21.4	22.1	25.9	34.1	33.4	27.5	23.6	24.1	23.5	21.3	25.3	1988
MEAN	32.6	29.0	26.5	26.7	35.1	47.1	50.9	48.5	45.3	45.2	43.4	37.7	38.2	MEAN

LOCATION - LAT 53 46 00 N
LONG 89 33 00 W
DRAINAGE AREA, 4 350 km^2
NATURAL FLOW

REMARKS - RECORDER INOPERATIVE MAR 28-DEC 31 1983

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	58.6 ON OCT 28	14.7B ON APR 14 *	844 000	1968
1969	58.8 AT 18:30 EST ON OCT 18	57.5 ON OCT 18	23.3 ON SEP 6	1 150 000	1969
1970	90.0 AT 14:37 EST ON JUL 18	88.3 ON JUL 17	26.3 ON APR 22	1 870 000	1970
1971	73.8 AT 13:41 EST ON MAY 29	71.6 ON MAY 28	32.8B ON APR 4	1 550 000	1971
1972	58.3 AT 18:43 EST ON JUN 2	56.8 ON JUN 17	23.8B ON APR 6	1 160 000	1972
1973	88.8 AT 14:27 EST ON SEP 8	86.8 ON SEP 8	25.4 ON APR 12	1 410 000	1973
1974	85.2 AT 14:12 EST ON JUN 30	84.4 ON JUN 30	28.3B ON APR 26	1 480 000	1974
1975	104 AT 03:42 EST ON AUG 28	101 ON AUG 28	23.6B ON APR 12	1 600 000	1975
1976	80.3 AT 17:51 EST ON JUL 5	56.8 ON JUL 3	20.0B ON DEC 31	1 170 000	1976
1977	33.4 AT 15:11 EST ON AUG 23	32.0 ON AUG 23	19.0 ON APR 14	773 000	1977
1978	51.6 AT 13:23 EST ON AUG 18	49.3 ON AUG 18	21.0B ON MAR 18	873 000	1978
1979	38.7 AT 18:53 EST ON JUN 15	38.2 ON JUN 16	25.3B ON MAR 15	882 000	1979
1980	48.1 AT 21:10 EST ON OCT 27	47.1 ON OCT 27	23.3 ON APR 15	977 000	1980
1981	84.3 AT 14:51 EST ON OCT 18	82.8 ON OCT 18	23.7 ON MAY 2	1 220 000	1981
1982	88.4 AT 18:28 EST ON SEP 4	84.4 ON AUG 27	28.8B ON APR 10	1 880 000	1982
1983	---	---	---	---	1983
1984	51.7 AT 18:18 EST ON JUN 30	50.8 ON JUN 24	28.4B ON MAR 27	1 130 000	1984
1985	111 AT 15:48 EST ON JUL 8 *	109 ON JUL 8 *	22.3 ON APR 30	1 710 000	1985
1986	83.8 AT 00:38 EST ON JUN 8	80.7 ON JUN 8	28.1 ON APR 17	1 380 000	1986
1987	39.3 AT 17:50 EST ON JUN 14	38.1 ON JUN 27	28.1 ON APR 10	1 000 000	1987
1988	---	38.1 ON JUN 10	19.1B ON DEC 31	788 000	1988
				1 240 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02SD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	3.32	1.38	---	---	1945
1946	---	---	6.18	0.474	0.229	0.179	0.089	0.072	0.057	0.073	0.088	---	---	1946
1947	---	---	---	12.4	2.32	4.00	1.50	0.307	0.347	0.388	0.740	---	---	1947
1948	---	---	---	2.51	1.68	0.180	0.118	0.282	0.023	0.047	1.18	---	---	1948
1949	---	5.39	3.58	1.16	0.235	0.037	0.016	0.001	0.009	0.213	0.121	5.22	---	1949
1950	4.11	---	---	4.93	0.228	0.088	0.188	0.523	0.077	0.278	1.80	---	---	1950
1951	---	---	5.11	3.80	0.478	0.181	0.115	---	---	---	1.38	0.848	---	1951
1952	3.85	2.83	4.32	2.78	1.89	0.284	0.070	0.088	0.047	0.072	0.093	0.217	1.38	1952
1953	0.814	0.787	4.28	1.16	1.61	2.28	0.279	0.085	0.040	0.057	0.128	0.435	1.01	1953
1954	0.934	9.89	5.85	3.17	0.677	0.159	0.038	0.026	0.028	3.78	2.88	2.82	2.48	1954
1955	2.81	1.18	5.87	1.79	0.384	0.188	0.084	0.018	0.012	0.110	0.437	1.24	1.28	1955
1956	0.872	0.787	9.89	4.81	5.83	0.280	0.143	0.345	0.629	0.436	0.445	2.40	2.32	1956
1957	2.03	2.14	2.78	2.89	0.687	1.02	0.818	0.187	0.459	0.261	2.89	5.86	1.85	1957
1958	0.840	0.373	3.31	0.825	0.154	0.045	0.088	0.012	0.348	0.073	0.858	0.429	0.583	1958
1959	0.940	1.22	7.40	5.18	1.88	0.323	0.188	0.357	0.254	4.14	6.41	2.01	2.53	1959
1960	0.586	1.23	1.58	5.18	2.14	1.23	0.198	0.100	0.032	0.046	0.091	0.074	1.38	1960
1961	0.016	2.85	2.24	2.45	1.79	0.221	0.089	0.059	0.038	0.152	0.801	1.06	0.880	1961
1962	0.408	0.448	5.79	1.88	0.705	0.185	0.051	0.055	0.017	0.101	1.02	1.27	0.882	1962
1963	0.428	0.228	8.43	2.51	1.35	0.242	0.051	0.032	0.030	0.015	0.018	0.027	1.13	1963
1964	2.33	1.17	3.55	2.24	0.559	0.114	0.040	1.47	0.314	0.174	0.144	1.85	1.18	1964
1965	2.05	6.02	3.61	5.11	0.640	0.161	0.073	0.078	0.084	0.231	2.21	5.53	2.22	1965
1966	1.28	2.84	4.10	2.35	1.19	1.33	0.157	0.220	0.080	0.130	3.14	5.22	1.81	1966
1967	3.74	1.49	5.28	5.52	1.54	2.24	1.11	2.43	0.493	4.23	5.47	4.82	3.28	1967
1968	1.35	5.98	5.77	1.90	0.835	0.334	0.151	0.053	0.157	1.41	2.08	2.25	1.42	1968
1969	4.43	2.63	5.99	4.85	2.02	0.530	0.422	0.280	0.114	0.196	1.45	1.05	2.00	1969
1970	0.488	0.888	2.96	5.80	2.15	0.444	0.258	0.083	0.137	0.275	1.98	3.04	1.53	1970
1971	1.00	2.01	5.81	5.10	0.538	0.158	0.038	0.024	0.017	0.017	0.028	1.02	1.39	1971
1972	1.18	0.380	5.52	5.02	1.80	0.284	0.281	0.039	0.028	0.302	1.37	3.84	1.67	1972
1973	5.57	1.78	7.87	1.88	1.88	0.855	0.232	0.255	0.048	0.147	3.10	2.00	2.13	1973
1974	5.14	2.10	5.21	3.83	4.78	0.853	0.349	0.061	0.027	0.025	0.735	0.418	2.08	1974
1975	3.77	2.80	5.18	7.37	1.02	0.557	0.269	0.372	0.580	0.181	0.562	2.34	2.08	1975
1976	1.50	8.89	9.42	2.82	1.98	0.324	1.46	1.88	0.544	0.438	2.33	0.928	2.71	1976
1977	0.321	0.282	13.6	2.58	0.571	0.244	0.132	0.104	1.33	1.77	2.50	3.88	2.32	1977
1978	1.18	0.628	3.57	13.0	1.81	0.542	0.081	0.068	0.223	0.751	0.721	1.37	1.87	1978
1979	1.87	0.338	10.4	5.75	0.988	0.214	0.521	0.184	0.048	0.588	3.53	4.39	2.51	1979
1980	1.38	0.426	6.18	4.07	1.25	0.805	0.848	0.158	0.183	0.786	0.480	1.76	1.63	1980
1981	0.303	9.19	2.40	1.82	1.34	0.438	0.187	0.288	2.37	3.81	1.81	1.08	2.05	1981
1982	0.787	0.288	7.81	5.81	0.698	0.793	0.201	0.184	1.14	0.224	3.89	7.29	2.38	1982
1983	1.46	2.68	1.48	2.48	3.34	1.88	0.881	0.827	0.378	0.332	1.35	3.28	1.68	1983
1984	0.570	9.01	3.78	1.94	1.08	1.87	0.882	0.158	1.71	0.283	2.32	3.59	2.24	1984
1985	1.57	8.53	10.7	4.57	0.451	0.304	0.180	0.174	0.509	1.50	4.48	2.12	2.89	1985
1986	2.74	1.08	7.89	2.08	0.883	0.823	0.833	0.298	9.38	4.05	1.34	2.32	2.88	1986
1987	1.38	0.523	8.22	3.03	0.398	0.368	0.068	0.019	0.010	0.108	2.38	4.73	1.82	1987
1988	1.18	1.88	9.13	1.80	0.871	0.178	0.020	0.007	0.009	2.18	4.10	2.57	1.83	1988
MEAN	1.78	2.70	5.71	3.80	1.38	0.835	0.312	0.294	0.538	0.900	1.72	2.53	1.87	MEAN

LOCATION - LAT 43 13 14 N DRAINAGE AREA, 150 km²
LONG 81 14 14 W NATURAL FLOW

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02SD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	39.9 B ON MAR 7	0.028 ON SEP 21	---	1946
1947	---	86.3 ON APR 6	0.026 ON SEP 7	---	1947
1948	---	49.8 ON MAR 20	0 ON SEP 28 *	---	1948
1949	---	48.6 ON FEB 15	0 ON JUL 6	---	1949
1950	---	59.5 ON APR 4	0.028 ON JUN 25	---	1950
1951	---	---	---	---	1951
1952	---	28.9 ON MAR 11	0.028 ON JUL 2	42 800	1952
1953	---	21.4 ON MAR 4	0.028E ON SEP 12	31 900	1953
1954	---	86.1 ON FEB 15	0.028 ON JUL 13	77 600	1954
1955	---	37.4 ON MAR 11	0 ON JUL 30	38 500	1955
1956	---	48.4 ON MAR 7	0.028 ON JUL 28	73 400	1956
1957	---	32.6 ON DEC 20	0.113 ON OCT 10	58 300	1957
1958	---	7.02 ON MAR 23	0 ON JUL 19	18 400	1958
1959	---	34.3 ON OCT 7	0.084 ON AUG 25	79 800	1959
1960	---	48.7 ON APR 3	0.025 ON SEP 12	43 000	1960
1961	---	20.5 B ON FEB 24	0.0118 ON JAN 1	30 000	1961
1962	---	14.3 B ON MAR 23	0.008 ON SEP 18	31 000	1962
1963	---	55.8 ON MAR 27	0 ON NOV 5	38 800	1963
1964	---	20.4 ON DEC 25	0 ON JUL 30	37 200	1964
1965	---	56.8 ON FEB 11	0 ON SEP 17	70 200	1965
1966	88.0 AT 11:30 EST ON DEC 7	60.0 ON DEC 7	0.023 ON SEP 20	80 400	1966
1967	80.0 AT 05:00 EST ON APR 3	44.7 ON OCT 18	0.119 ON SEP 20	104 000	1967
1968	86.9 AT 11:15 EST ON FEB 2	86.3 ON FEB 2	0.040 ON AUG 15	87 700	1968
1969	46.4 AT 22:30 EST ON JAN 30	33.7 ON JAN 31	0.085 ON SEP 14	62 900	1969
1970	34.8 AT 05:47 EST ON MAY 16	22.3 ON MAY 16	0.018 ON AUG 28	48 100	1970
1971	40.5 AT 05:00 EST ON APR 2	35.1 ON APR 2	0.002 ON OCT 6	43 800	1971
1972	43.3 AT 21:42 EST ON DEC 31	30.3 ON MAR 22	0.012 ON SEP 18	52 800	1972
1973	43.9 AT 19:07 EST ON MAR 11	30.0 ON JAN 1	0.018 ON SEP 18	57 100	1973
1974	72.8 AT 05:33 EST ON MAR 5	55.2 ON MAR 5	0.007 ON SEP 11	85 000	1974
1975	134 AT 09:18 EST ON APR 19	81.3 ON APR 19	0.051 ON AUG 10	85 800	1975
1976	---	41.9 E ON MAR 5	0.178 ON JUN 15	85 500	1976
1977	150 AT 08:27 EST ON MAR 13 *	128 ON MAR 13 *	0.018 ON SEP 12	73 000	1977
1978	51.5 AT 21:05 EST ON APR 7	40.8 ON APR 11	0.004 ON SEP 11	52 100	1978
1979	71.8 AT 07:57 EST ON APR 14	57.8 ON APR 14	0.014 ON SEP 12	79 100	1979
1980	80.5 AT 14:57 EST ON MAR 21	42.8 ON MAR 21	0.049 ON AUG 27	48 500	1980
1981	58.8 AT 18:00 EST ON FEB 23	46.3 ON FEB 23	0.019 ON AUG 27	84 500	1981
1982	69.0 AT 05:08 EST ON MAR 31	56.6 ON MAR 31	0.038 ON AUG 14	75 200	1982
1983	21.1 AT 00:17 EST ON DEC 13	18.2 ON DEC 13	0.098 ON SEP 13	52 200	1983
1984	70.8 AT 21:51 EST ON FEB 14	55.2 ON FEB 14	0.054 ON AUG 25	70 600	1984
1985	102 AT 23:50 EST ON FEB 24	72.8 ON FEB 25	0.012 ON AUG 20	91 000	1985
1986	100 AT 00:05 EST ON SEP 12	80.1 ON SEP 12	0.110 ON AUG 20	90 900	1986
1987	32.0 AT 23:40 EST ON MAR 6	24.0 ON MAR 9	0.007 ON SEP 25	48 000	1987
1988	---	18.7 ON MAR 26	0.001 ON SEP 17	51 800	1988
				69 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02SC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.136	0.134	0.161	0.147	0.112	0.111	0.115	0.102	0.110	0.122	0.131	0.124	0.124	1970
1971	0.120	0.140	0.143	0.133	0.130	0.126	0.112	0.117	0.128	0.130	0.126	0.127	0.126	1971
1972	0.139	0.136	0.229	0.141	0.132	0.119	0.116	0.134	0.134	0.146	0.136	0.147	0.142	1972
1973	0.134	0.136	0.185	0.161	0.153	0.146	0.130	0.127	0.134	0.172	0.183	0.148	0.149	1973
1974	0.166	0.162	0.182	0.178	0.191	0.177	0.148	0.140	0.150	0.166	0.172	0.169	0.165	1974
1975	0.165	0.159	0.175	0.164	0.148	0.141	0.121	0.131	0.168	0.129	0.131	0.161	0.144	1975
1976	0.135	0.156	0.236	0.193	0.174	---	---	---	---	---	---	---	---	1976
MEAN	0.139	0.151	0.187	0.158	0.148	0.137	0.124	0.126	0.134	0.143	0.143	0.141	0.142	MEAN

LOCATION - LAT 43 43 31 N
LONG 80 19 03 W
DRAINAGE AREA, 5.18 km^2
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02SC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.881 AT 15:47 EST ON SEP 8	0.287 ON APR 2	0.093 ON AUG 7	3 920	1970
1971	0.671 AT 00:58 EST ON MAY 26	0.345 ON FEB 27	0.091 ON JUL 13 *	4 020	1971
1972	2.10 AT 10:27 EST ON MAR 2 *	1.08 ON MAR 2 *	0.102 ON JUN 20	4 530	1972
1973	0.840 AT 23:35 EST ON OCT 28	0.405 ON OCT 28	0.093 ON JUL 16	4 710	1973
1974	0.736 AT 06:21 EST ON JUN 21	0.394 ON FEB 22	0.119 ON SEP 2	5 230	1974
1975	0.888 AT 19:11 EST ON AUG 31	0.311 ON FEB 24	0.096 ON JUL 7	4 540	1975
1976	---	0.442E ON MAR 5	---	---	1976
				4 490	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	5.75	2.81	2.86	---	1914
1915	3.30	3.24	2.91	2.39	12.5	19.4	15.0	8.83	3.83	2.19	2.27	2.36	5.81	1915
1916	2.35	2.36	2.80	8.49	30.3	30.0	16.8	9.18	8.00	3.78	---	---	---	1916
MEAN	2.83	2.80	2.76	4.44	21.4	24.7	15.9	8.81	4.92	4.23	2.44	2.81	5.81	MEAN

LOCATION - LAT 48 51 30 N
LONG 93 34 30 W
DRAINAGE AREA, 1 080 km²
REGULATED

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	29.2 ON MAY 18	2.10 ON OCT 3 *	208 000	1915
1916	---	39.9 ON MAY 27 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		208 000	MEAN

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	---	---	13.8	35.5	13.7	---	1938
1939	23.4	60.1	19.2	8.80	147	27.3	48.5	10.0	12.9	41.1	24.8	31.7	37.8	1939
1940	31.4	31.0	34.2	22.4	49.8	62.5	38.9	7.67	28.4	17.3	34.1	28.8	32.2	1940
1941	28.8	30.2	31.8	57.3	54.5	18.1	16.8	41.3	54.2	56.5	60.5	34.2	41.2	1941
1942	18.3	46.7	61.5	56.8	42.7	7.13	6.98	8.98	17.5	45.4	30.7	11.8	29.2	1942
1943	24.8	41.3	46.0	26.0	34.0	72.5	27.8	14.2	17.1	19.0	4.93	25.4	29.3	1943
1944	25.2	29.8	37.8	32.3	38.0	21.9	18.6	9.17	48.3	45.2	28.3	19.4	29.6	1944
1945	39.1	33.7	23.8	44.1	73.0	80.0	28.8	5.71	14.8	25.8	31.7	28.0	33.6	1945
1946	5.71	18.3	73.6	29.2	88.0	41.0	22.4	11.1	11.8	15.6	4.65	15.8	26.4	1946
1947	48.6	46.8	45.8	43.2	172	118	1.38	4.81	13.5	27.8	35.7	41.5	48.5	1947
1948	22.5	3.58	3.78	28.8	47.4	20.4	12.7	17.7	18.7	42.5	14.0	15.8	20.8	1948
1949	30.5	34.3	35.8	19.6	26.5	39.7	33.0	39.9	23.8	36.6	24.0	25.1	30.8	1949
1950	15.1	5.78	18.4	32.9	94.5	59.6	51.3	48.1	38.8	17.8	18.3	29.5	38.1	1950
1951	35.3	32.4	47.0	70.1	30.2	40.3	17.8	8.77	34.2	43.0	47.3	34.7	36.7	1951
1952	59.0	48.0	39.5	14.1	44.8	42.2	28.8	19.0	17.0	23.8	13.7	19.8	30.8	1952
1953	76.0	38.8	44.5	42.7	48.8	35.1	19.0	30.1	5.15	28.7	22.0	24.7	34.3	1953
1954	48.9	47.0	58.4	29.0	57.4	41.1	26.9	25.4	25.6	54.7	32.3	31.3	39.6	1954
1955	41.4	43.2	47.1	26.0	0.081	35.1	28.9	6.54	18.2	1.39	4.18	26.6	23.9	1955
1956	27.8	38.6	46.4	23.7	88.0	39.3	33.1	17.2	18.8	35.6	30.3	24.2	33.2	1956
1957	23.2	27.0	48.6	17.1	8.22	47.8	88.8	31.3	26.4	10.8	19.8	26.7	32.0	1957
1958	42.8	45.1	44.3	15.0	0	2.44	42.1	21.7	5.93	41.8	34.6	28.2	27.0	1958
1959	39.9	36.4	49.9	23.2	28.8	33.8	48.4	0	0	0	24.5	48.7	28.0	1959
1960	31.1	36.4	24.8	14.7	208	38.3	21.2	10.2	27.2	23.4	15.3	29.2	39.8	1960
1961	34.1	28.9	42.2	9.18	35.6	61.7	43.2	18.5	88.6	29.2	50.2	30.8	39.4	1961
1962	56.0	52.0	43.5	10.2	70.4	20.9	24.3	14.1	28.6	27.0	24.5	16.2	32.4	1962
1963	26.3	23.0	28.4	42.3	18.4	38.2	24.0	22.7	20.2	22.4	4.42	18.1	24.0	1963
1964	49.8	56.7	42.0	44.7	60.9	81.0	20.5	7.90	13.4	39.3	26.2	24.0	38.7	1964
1965	33.4	59.6	53.7	7.80	83.4	7.86	11.2	31.6	84.7	83.0	13.5	18.8	36.5	1965
1966	46.8	66.8	44.6	30.1	29.3	57.3	10.0	1.10	2.58	69.8	44.9	43.4	37.0	1966
1967	44.2	44.8	66.4	116	76.6	60.7	7.21	19.6	61.5	9.12	17.0	23.9	44.6	1967
1968	34.8	38.9	68.9	17.7	41.1	51.8	57.2	13.2	18.1	4.30	14.0	38.6	33.2	1968
1969	34.1	34.6	45.1	21.4	87.8	24.1	16.0	6.39	8.38	35.8	43.2	35.6	30.8	1969
1970	59.3	46.6	21.8	5.90	29.7	83.4	17.7	13.5	26.6	1.56	4.83	9.43	24.8	1970
1971	30.6	50.7	64.1	19.3	76.6	24.7	7.77	5.90	7.84	11.9	26.7	33.4	28.9	1971
1972	33.1	47.3	50.9	21.2	28.2	72.1	24.7	10.7	9.20	5.06	18.1	36.2	29.6	1972
1973	33.1	37.2	60.0	8.12	82.8	25.7	21.3	4.84	5.21	16.1	21.5	33.8	26.5	1973
1974	26.1	34.6	48.2	15.6	85.8	61.2	20.7	18.3	20.0	16.2	19.4	29.8	31.4	1974
1975	29.6	28.3	48.6	30.6	11.4	72.1	7.17	0	0.109	1.28	28.9	34.8	24.1	1975
1976	46.4	50.4	43.8	116	49.1	13.4	1.26	0.470	7.90	18.8	4.26	1.14	29.2	1976
1977	46.0	46.4	34.8	49.8	12.3	0	0	0	25.8	17.7	17.5	36.3	24.0	1977
1978	40.3	47.6	47.0	13.6	51.8	48.2	37.8	11.4	33.2	35.6	8.23	29.4	33.7	1978
1979	46.4	56.1	21.3	36.8	106	10.1	28.6	20.1	23.1	24.7	36.4	36.3	37.1	1979
1980	36.0	60.3	36.3	15.0	56.3	26.1	8.79	3.80	9.46	23.1	27.7	6.27	24.8	1980
1981	46.8	56.2	41.2	26.6	53.8	26.9	12.6	8.52	7.82	20.8	24.6	18.3	28.7	1981
1982	23.1	71.9	42.2	6.60	32.6	1.48	26.1	7.26	16.3	60.6	24.8	17.4	28.8	1982
1983	52.6	46.1	63.6	0	99.7	78.0	1.26	0.952	8.08	66.2	64.1	26.1	42.6	1983
1984	51.6	55.1	26.6	16.7	14.6	47.1	43.2	0	0	12.6	32.6	26.9	26.8	1984
1985	60.4	48.7	56.2	27.2	23.6	16.0	46.7	10.2	18.0	0.435	34.3	25.3	29.8	1985
1986	37.6	58.3	43.9	3.00	83.4	1.70	2.47	34.6	34.1	47.6	41.2	38.4	33.9	1986
1987	38.3	46.1	27.7	0	0	0	12.2	26.0	0.850	66.2	62.9	26.0	26.6	1987
1988	36.6	36.6	---	7.76	183	31.7	19.7	78.6	67.1	74.9	184	70.6	---	1988
MEAN	37.3	41.9	42.7	37.8	56.2	38.4	24.3	15.6	21.7	29.7	29.2	27.7	32.6	MEAN

LOCATION - LAT 49 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²
REGULATED SINCE 1938
DATA CONTRIBUTED BY - ONTARIO HYDRO

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	270 ON MAY 11	0 ON MAR 22 *	1 200 000	1939
1940	---	187 ON MAY 29	0 ON APR 24	1 020 000	1940
1941	---	159 ON AUG 30	0 ON APR 13	1 300 000	1941
1942	---	194 ON APR 26	0 ON SEP 5	920 000	1942
1943	---	154 ON JUN 19	0 ON APR 16	923 000	1943
1944	---	151 ON MAY 16	1.10 ON APR 30	932 000	1944
1945	---	181 ON MAY 30	0 ON DEC 12	1 080 000	1945
1946	---	209 ON MAY 27	0 ON APR 7	831 000	1946
1947	---	337 ON MAY 21	0.586 ON JUN 30	1 580 000	1947
1948	---	142 ON OCT 4	0.113 ON NOV 13	859 000	1948
1949	---	171 ON JUN 28	0 ON SEP 23	973 000	1949
1950	---	185 ON MAY 5	0 ON JAN 28	1 140 000	1950
1951	---	169 ON OCT 25	0.142 ON OCT 4	1 180 000	1951
1952	---	172 ON JAN 3	0 ON APR 23	986 000	1952
1953	---	138 ON OCT 5	0 ON APR 21	1 080 000	1953
1954	---	176 ON OCT 19	0 ON MAY 2	1 250 000	1954
1955	---	82.4 ON JUN 30	0 ON APR 28	754 000	1955
1956	---	237 ON MAY 17	0 ON APR 21	1 060 000	1956
1957	---	385 ON JUL 1	0 ON APR 21	1 010 000	1957
1958	---	176 ON NOV 20	0 ON APR 16	852 000	1958
1959	---	131 ON MAY 13	0 ON APR 21	885 000	1959
1960	---	435 ON MAY 12 *	0 ON APR 23	1 280 000	1960
1961	---	234 ON SEP 2	0 ON APR 14	1 240 000	1961
1962	---	180 ON MAY 8	0 ON APR 12	1 020 000	1962
1963	---	167 ON JUN 22	0 ON APR 19	758 000	1963
1964	---	180 ON JUN 20	0 ON APR 23	1 220 000	1964
1965	---	178 ON SEP 24	0 ON APR 15	1 180 000	1965
1966	---	232 ON OCT 20	0 ON APR 19	1 170 000	1966
1967	---	213 ON MAY 7	0 ON MAY 17	1 410 000	1967
1968	---	164 ON JUN 13	0 ON APR 2	1 080 000	1968
1969	---	122 ON MAY 11	0 ON APR 16	973 000	1969
1970	---	105 ON JUN 4	0 ON APR 21	783 000	1970
1971	---	138 ON MAY 22	0 ON APR 20	943 000	1971
1972	---	156 ON JUN 4	0 ON APR 27	938 000	1972
1973	---	153 ON MAY 11	0 ON APR 4	837 000	1973
1974	---	155 ON MAY 18	0 ON APR 24	880 000	1974
1975	---	142 ON JUN 3	0 ON APR 23	788 000	1975
1976	---	386 ON APR 24	0 ON APR 5	821 000	1976
1977	---	214 ON APR 26	0 ON APR 2	788 000	1977
1978	---	267 ON MAY 16	0 ON APR 27	1 080 000	1978
1979	---	196 ON MAY 16	0 ON APR 16	1 170 000	1979
1980	---	115 ON MAY 3	0 ON JAN 30	788 000	1980
1981	---	79.9 ON MAR 3	0 ON APR 4	906 000	1981
1982	---	229 ON OCT 23	0 ON APR 20	813 000	1982
1983	---	250 ON MAY 27	0 ON APR 1	1 340 000	1983
1984	---	252 ON JUN 28	0 ON MAR 31	851 000	1984
1985	---	248 ON APR 27	0 ON APR 5	938 000	1985
1986	---	146 ON AUG 13	0 ON MAR 27	1 070 000	1986
1987	---	128 ON OCT 15	0 ON APR 1	804 000	1987
1988	---	304 ON MAY 5	0 ON APR 7	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010 000	MEAN

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	18.5	21.8	76.7	61.4	48.4	---	1915
1916	58.3	59.8	50.7	102	241	89.3	42.4	16.4	8.26	12.4	61.0	118	69.2	1916
1917	128	36.4	12.1	45.2	228	148	75.2	53.0	26.3	31.6	25.6	19.8	69.3	1917
1918	12.8	8.46	9.12	46.6	188	102	70.1	11.9	44.1	102	78.1	46.3	58.6	1918
1919	26.6	17.0	14.2	85.6	184	78.8	8.22	14.6	89.8	---	---	---	---	1919
MEAN	55.7	30.4	21.5	84.6	208	95.8	49.9	22.9	38.3	56.7	58.6	57.9	65.7	MEAN

LOCATION - LAT 69 05 20 N
LONG 81 09 15 W

DRAINAGE AREA, 3 280 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	326 ON MAY 3 *	7.85 ON SEP 5	3 180 000	1916
1917	---	287 ON MAY 5	9.34 ON MAR 18	3 180 000	1917
1918	---	218 ON MAY 23	4.87 ON FEB 24 *	1 840 000	1918
1919	---	215 ON MAY 24	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 070 000	MEAN

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	115	102	82.4	143	195	85.2	58.1	57.5	66.6	103	117	127	105	1980
1981	108	95.5	99.2	156	150	39.8	22.5	7.68	74.6	114	148	128	95.4	1981
1982	107	75.4	26.1	67.8	43.1	6.55	6.57	6.26	11.5	96.4	143	151	62.6	1982
1983	145	118	53.4	35.1	152	146	11.7	14.6	41.3	123	97.5	128	89.7	1983
1984	104	94.5	96.8	39.4	23.1	157	157	46.7	66.8	54.1	119	143	91.9	1984
1985	125	103	97.1	119	172	75.7	66.0	66.8	43.7	44.0	101	131	95.7	1985
1986	106	95.5	81.0	30.4	36.6	4.80	2.77	5.03	5.73	12.5	14.3	118	43.5	1986
1987	121	108	83.2	23.5	10.9	15.9	14.7	14.5	14.3	15.3	82.7	121	52.7	1987
1988	118	108	95.5	61.2	102	17.4	10.9	31.5	80.3	119	162	120	85.5	1988
MEAN	117	100	78.5	78.3	98.4	62.5	40.4	28.5	45.2	76.9	109	130	80.2	MEAN

LOCATION - LAT 46 07 33 N
LONG 80 01 10 W REGULATED SINCE 1916

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	201 ON MAY 14 *	9.44 ON SEP 11	3 310 000	1980
1981	---	185 ON APR 29	7.66 ON JUL 25	3 010 000	1981
1982	---	152 ON OCT 18	6.11 ON SEP 16	1 970 000	1982
1983	---	194 ON JUN 10	7.05 ON APR 9	2 830 000	1983
1984	---	183 ON JUN 17	16.7 ON APR 21	2 910 000	1984
1985	---	161 ON MAY 11	42.5 ON OCT 28	3 020 000	1985
1986	---	135 ON DEC 13	2.58 ON JUL 27 *	1 370 000	1986
1987	---	136 ON DEC 16	4.25 ON MAY 16	1 880 000	1987
1988	---	168E ON NOV 22	5.79E ON JUL 28	2 700 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 530 000	MEAN

E - ESTIMATED

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	81.8	197	117	184	133	126	176	313	269	---	1981
1982	186	203	172	138	231	97.6	43.3	26.1	25.5	27.2	74.7	161	114	1982
1983	163	149	104	335	104	101	51.7	43.1	40.3	37.4	115	188	112	1983
1984	167	66.6	82.3	190	189	68.7	41.8	38.9	40.5	147	135	208	113	1984
1985	173	160	183	194	216	76.1	46.4	129	161	316	320	338	192	1985
1986	332	267	205	182	161	92.2	74.8	42.0	57.8	85.0	236	358	172	1986
1987	348	338	267	360	341	237	117	76.5	46.8	107	318	335	239	1987
1988	279	231	167	200	104	43.8	36.9	56.2	111	168	152	173	145	1988
1989	191	222	188	174	295	229	120	75.7	90.1	114	353	348	200	1989
1970	276	205	168	185	277	382	351	212	86.0	184	344	282	244	1970
1971	211	184	190	268	280	131	31.4	27.8	31.9	86.3	104	207	146	1971
1972	227	204	180	214	372	240	115	125	257	173	230	285	216	1972
1973	237	230	288	218	321	231	155	79.3	66.5	81.4	204	252	186	1973
1974	250	218	205	248	229	242	134	86.3	86.6	116	295	322	197	1974
1975	282	228	201	234	245	79.4	65.5	39.6	30.2	44.8	124	287	156	1975
1976	259	201	188	311	344	186	70.8	46.5	35.3	58.4	148	184	186	1976
1977	148	164	202	204	179	84.5	38.1	36.3	87.7	303	291	314	189	1977
1978	225	183	183	201	181	124	51.1	80.8	70.8	322	291	284	181	1978
1979	208	185	238	361	485	416	142	138	148	141	332	330	262	1979
1980	284	181	99.8	327	376	157	115	88.9	140	260	315	299	222	1980
1981	226	208	183	342	359	201	147	82.9	144	218	290	248	220	1981
1982	224	172	115	267	221	37.2	30.9	27.1	30.1	156	298	343	182	1982
1983	367	274	139	178	408	385	108	48.4	64.6	220	187	280	221	1983
1984	222	202	233	183	136	309	246	98.3	129	166	345	368	218	1984
1985	316	240	226	363	408	125	88.2	103	89.4	84.1	170	285	207	1985
1986	201	131	165	183	195	175	89.3	86.9	75.5	140	201	178	163	1986
1987	186	186	178	136	80.1	40.6	31.8	29.3	29.9	28.0	81.1	174	97.0	1987
1988	203	201	188	302	316	98.5	41.4	67.7	112	188	368	327	201	1988
MEAN	238	201	184	232	258	167	86.8	73.2	84.3	149	237	270	182	MEAN

LOCATION - LAT 46 03 01 N DRAINAGE AREA, 13 800 km^2
LONG 80 34 26 W REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE THREE OUTLETS

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	331 ON MAY 11	23.7 ON SEP 8 *	3 600 000	1982
1983	326 AT 15:00 EST ON APR 5	323 ON APR 5	37.4 ON OCT 2	3 540 000	1983
1984	283 AT 03:00 EST ON APR 26	283 ON APR 26	38.2 ON SEP 20	3 590 000	1984
1985	---	386 ON NOV 29	37.7 ON AUG 6	5 080 000	1985
1986	---	416 ON DEC 10	41.1 ON AUG 15	5 430 000	1986
1987	433 AT 15:00 EST ON APR 18	430 ON APR 18	30.8 ON SEP 25	7 550 000	1987
1988	340 AT 08:30 EST ON APR 6	340 ON APR 6	31.4 ON JUL 26	4 590 000	1988
1989	413 AT 05:30 EST ON NOV 4	413 ON NOV 4	41.6 ON AUG 12	5 300 000	1989
1970	419 AT 21:00 EST ON JUN 4	416 ON JUN 4	78.4 ON OCT 13	7 590 000	1970
1971	371 AT 19:07 EST ON APR 20	368 ON APR 20	26.8 ON AUG 9	4 810 000	1971
1972	413 AT 20:20 EST ON MAY 16	408 ON MAY 7	58.8 ON AUG 21	5 820 000	1972
1973	374 AT 02:34 EST ON MAY 12	371 ON APR 4	65.7 ON SEP 18	6 240 000	1973
1974	365 AT 18:05 EST ON NOV 26	365 ON NOV 26	44.5 ON AUG 1	5 220 000	1974
1975	345 AT 20:25 EST ON APR 25	345 ON APR 25	27.0 ON OCT 9	4 910 000	1975
1976	388 AT 00:15 EST ON MAY 21	388 ON MAY 20	32.0A ON SEP 22	5 320 000	1976
1977	351 AT 17:34 EST ON DEC 4	351E ON NOV 18	33.1 ON AUG 17	5 320 000	1977
1978	357 AT 19:38 EST ON OCT 11	357 ON OCT 11	47.0 ON AUG 14	5 700 000	1978
1979	526 AT 07:23 EST ON MAY 18 *	526 ON MAY 18 *	48.2 ON JUL 24	6 270 000	1979
1980	484 AT 19:41 EST ON APR 17	484 ON APR 17	47.4 ON SEP 12	7 020 000	1980
1981	400 AT 03:11 EST ON APR 8	385 ON MAY 14	57.7 ON AUG 28	6 830 000	1981
1982	408 AT 21:49 EST ON DEC 29	406 ON DEC 29	26.1 ON AUG 31	5 100 000	1982
1983	453 AT 00:31 EST ON JUN 3	452 ON JUN 2	37.7 ON SEP 13	6 980 000	1983
1984	371 AT 21:14 EST ON DEC 21	369 ON DEC 21	81.2 ON AUG 22	6 910 000	1984
1985	508 AT 03:53 EST ON APR 25	504 ON APR 25	66.6 ON SEP 17	8 540 000	1985
1986	309 AT 16:07 EST ON APR 3	308 ON APR 3	72.1 ON SEP 8	4 810 000	1986
1987	234 AT 21:15 EST ON DEC 26	233 ON DEC 26	25.6 ON SEP 28	3 080 000	1987
1988	---	426 ON APR 11	36.2 ON JUL 18	5 370 000	1988
				5 760 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	341	224	71.0	70.2	158	198	---	1930
1931	180	128	113	171	131	140	88.0	80.3	58.5	81.6	125	262	123	1931
1932	235	210	188	285	193	130	70.2	63.8	61.2	144	338	300	162	1932
1933	272	224	188	313	344	215	89.8	62.8	58.4	58.7	183	178	178	1933
1934	149	127	114	215	302	138	84.4	67.2	67.7	98.7	204	292	165	1934
1935	225	182	185	232	180	88.8	154	86.3	58.0	58.5	88.4	219	142	1935
1936	178	148	140	234	327	278	84.6	65.2	84.8	74.8	221	198	167	1936
1937	227	195	168	264	322	138	73.8	68.2	65.8	88.8	183	248	172	1937
1938	305	187	213	398	380	271	71.8	74.3	68.2	67.4	147	211	191	1938
1939	182	158	143	234	343	300	92.1	66.8	63.6	66.8	175	210	169	1939
1940	187	138	118	124	113	180	143	128	216	84.6	227	257	158	1940
1941	218	183	168	284	304	75.2	87.7	110	59.7	71.3	334	303	183	1941
1942	250	202	181	353	319	223	87.8	58.4	57.7	60.0	110	197	174	1942
1943	159	137	134	243	384	344	210	71.8	98.8	73.0	101	227	180	1943
1944	184	153	138	180	217	78.8	84.0	44.4	43.8	166	82.8	194	127	1944
1945	165	138	183	187	82.5	316	87.6	41.8	43.3	115	283	249	158	1945
1946	219	185	257	297	163	171	88.8	39.5	38.8	38.0	104	238	151	1946
1947	205	176	158	328	414	432	378	252	117	212	178	189	254	1947
1948	163	130	147	303	234	117	112	47.8	31.0	43.3	201	269	148	1948
1949	230	208	202	347	318	222	171	88.7	33.8	46.7	78.3	228	178	1949
1950	217	188	175	285	227	103	78.8	88.2	72.7	91.1	223	233	181	1950
1951	187	178	174	480	377	88.0	181	88.8	51.8	225	490	384	237	1951
1952	318	288	210	287	140	144	78.8	180	83.8	102	111	305	185	1952
1953	284	248	282	371	257	88.1	78.8	81.8	88.1	87.0	88.4	171	188	1953
1954	188	138	232	288	288	380	248	44.0	38.8	318	257	328	231	1954
1955	318	241	208	281	88.8	53.8	81.8	48.4	48.4	43.8	288	301	181	1955
1956	148	88.8	141	226	214	228	81.9	72.7	172	278	222	288	180	1956
1957	288	203	184	114	110	141	343	188	106	180	332	343	204	1957
1958	324	294	217	122	88.4	88.4	71.7	88.1	84.0	88.8	115	238	138	1958
1959	200	147	138	187	271	180	80.8	84.8	188	238	328	338	184	1959
1960	314	240	180	227	428	398	384	288	48.4	227	327	238	274	1960
1961	232	130	47.3	83.9	188	117	182	134	128	178	314	288	187	1961
1962	188	203	173	138	230	88.8	43.8	38.0	28.8	---	---	---	---	1962
MEAN	217	181	172	252	247	184	132	87.2	74.2	118	205	253	177	MEAN

LOCATION - LAT 46 01 14 N, LONG 80 34 23 W DRAINAGE AREA, 13 800 km^2, REGULATED

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	---	---	---	1930
1931	---	282 ON NOV 28	53.5 ON OCT 5	3 880 000	1931
1932	---	345 ON NOV 15	59.5 ON SEP 17	5 750 000	1932
1933	---	378 ON APR 18	54.4 ON OCT 16	5 830 000	1933
1934	---	334 ON NOV 25	64.0 ON AUG 28	4 880 000	1934
1935	---	257 ON MAY 3	58.0 ON SEP 28	4 480 000	1935
1936	---	334 ON MAY 11	60.0 ON SEP 6	5 300 000	1936
1937	---	351 ON APR 28	62.0 ON SEP 8	5 420 000	1937
1938	---	447 ON APR 2	65.1 ON SEP 6	5 030 000	1938
1939	---	384 ON APR 28	60.3 ON OCT 4	5 340 000	1939
1940	---	317 ON NOV 23	71.6 ON JUL 27	5 020 000	1940
1941	---	430 ON APR 22	57.8 ON SEP 15	5 770 000	1941
1942	---	391 ON APR 7	53.0 ON OCT 20	5 480 000	1942
1943	---	391 ON MAY 4	58.2 ON AUG 31	5 880 000	1943
1944	---	278 ON MAY 7	41.9 ON AUG 28	4 010 000	1944
1945	---	337 ON JUN 11	38.2 ON AUG 24	4 880 000	1945
1946	---	382 ON MAR 31	37.1 ON OCT 2	4 770 000	1946
1947	---	447 ON JUN 16	78.4 ON SEP 11	8 020 000	1947
1948	---	340 ON APR 10	29.4 ON SEP 26	4 710 000	1948
1949	---	382 ON APR 16	32.6 ON SEP 11	5 830 000	1949
1950	---	377 ON NOV 26	38.5 ON AUG 26	5 060 000	1950
1951	---	580 ON APR 13 *	43.9 ON JUN 27	7 470 000	1951
1952	---	396 ON APR 19	62.9 ON JUL 14	5 840 000	1952
1953	---	396 ON MAR 29	65.5 ON NOV 7	5 300 000	1953
1954	---	430 ON OCT 18	30.6 ON SEP 3	7 290 000	1954
1955	---	394 ON APR 16	36.8 ON OCT 5	5 060 000	1955
1956	---	328 ON NOV 29	44.5 ON JAN 27	5 700 000	1956
1957	---	391 ON DEC 22	47.8 ON SEP 2	6 450 000	1957
1958	---	351 ON JAN 1	47.8 ON AUG 29	4 360 000	1958
1959	---	354 ON DEC 18	51.5 ON JUL 18	6 130 000	1959
1960	---	479 ON MAY 26	32.8 ON SEP 25	8 670 000	1960
1961	---	380 ON NOV 6	27.9 ON MAR 14 *	5 280 000	1961
1962	---	334 ON MAY 11	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 590 000	MEAN

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	51.8	135	87.7	53.4	255	462	355	---	1951
1952	293	250	192	188	112	124	79.3	158	79.7	99.6	116	278	164	1952
1953	276	223	221	321	217	73.3	76.0	64.5	61.3	58.8	62.8	188	152	1953
1954	145	126	176	192	213	314	209	32.0	52.4	268	304	287	183	1954
1955	251	227	189	186	47.8	50.8	49.3	44.5	38.5	33.2	248	281	140	1955
1956	108	83.5	143	158	178	193	84.5	71.9	187	248	187	283	158	1956
1957	240	184	132	80.9	82.0	136	323	118	109	161	246	293	178	1957
1958	289	278	194	73.3	58.1	58.7	67.4	61.4	63.5	65.7	123	224	126	1958
1959	162	140	118	87.0	243	136	59.6	84.8	179	223	280	303	167	1959
1960	280	219	185	121	379	391	358	208	53.6	240	278	214	243	1960
1961	207	109	33.5	33.4	172	109	172	106	86.6	193	262	240	147	1961
1962	170	187	180	63.9	185	70.7	39.3	26.1	24.9	29.4	65.8	146	98.9	1962
1963	173	134	94.6	132	75.8	82.5	50.0	42.4	39.4	36.4	131	177	87.0	1963
1964	143	48.5	54.7	141	158	48.5	41.6	39.6	39.6	148	143	180	89.4	1964
1965	151	141	188	110	187	54.1	44.0	138	156	296	289	294	188	1965
1966	290	243	189	118	119	83.0	62.7	43.0	61.5	83.6	219	304	150	1966
1967	327	310	234	246	310	215	89.0	76.4	36.1	108	258	298	209	1967
1968	251	198	184	114	82.2	29.8	31.6	80.3	107	184	146	182	123	1968
1969	178	217	170	89.3	249	182	88.7	84.8	87.4	123	279	297	167	1969
1970	257	194	151	78.3	241	351	313	179	81.3	184	303	250	214	1970
1971	188	176	177	170	231	94.5	28.1	28.5	32.0	78.8	100	184	124	1971
1972	203	183	171	113	320	207	85.3	127	239	170	210	223	189	1972
1973	201	213	223	150	282	215	130	77.0	89.5	87.8	184	238	173	1973
1974	238	199	181	160	188	211	102	53.8	49.7	120	271	298	173	1974
1975	257	215	181	166	185	76.0	53.0	41.2	32.3	82.8	124	249	137	1975
1976	248	185	153	213	309	149	85.8	42.5	31.1	70.0	143	152	146	1976
1977	143	193	162	142	180	52.6	38.6	39.7	108	268	247	281	148	1977
1978	194	181	176	136	134	108	45.8	45.6	68.4	291	284	238	156	1978
1979	201	183	193	289	476	412	116	130	151	141	299	295	240	1979
1980	257	187	86.8	244	332	140	111	98.8	150	256	289	279	201	1980
1981	215	183	159	232	298	182	118	84.0	131	213	257	321	192	1981
1982	214	181	107	200	172	30.4	30.6	27.2	29.8	169	271	300	143	1982
1983	323	251	91.6	130	359	340	100	50.3	86.2	214	188	265	197	1983
1984	188	178	204	94.2	118	273	218	80.2	117	183	306	327	189	1984
1985	283	223	202	248	357	108	95.3	94.0	85.8	86.7	187	282	183	1985
1986	183	123	137	105	181	156	95.1	89.8	80.2	153	183	172	138	1986
1987	184	178	158	78.6	86.7	33.1	32.4	30.6	28.8	29.2	95.5	184	87.7	1987
1988	187	177	178	200	286	82.6	38.1	82.1	108	179	326	299	177	1988
MEAN	221	185	158	152	209	147	102	74.4	82.1	152	221	248	162	MEAN

DRAINAGE AREA, 12 300 km^2
REGULATED SINCE 1915

REMARKS - FOR 1951-1981 DISCHARGES WERE SUM OF 02DD010, 17, 18, AND 19. FROM 1982 USE 02DD010, 17, AND 20

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	
1952	---	317 ON JAN 23	42.8 ON JUL 31	5 180 000	1952
1953	---	382 ON APR 21	55.8 ON NOV 22	4 780 000	1953
1954	---	343 ON JUN 27	27.3 ON AUG 20	5 080 000	1954
1955	---	311 ON JAN 15	22.7 ON OCT 14	4 410 000	1955
1956	---	300 ON OCT 9	28.8 ON JAN 14	4 880 000	1956
1957	---	337 ON JUL 5	30.8 ON APR 17	5 820 000	1957
1958	---	309 ON JAN 25	44.7 ON SEP 22	3 880 000	1958
1959	---	337 ON DEC 22	27.8 ON APR 25	5 240 000	1959
1960	---	433 ON MAY 27	33.7 ON SEP 14	7 880 000	1960
1961	---	340 ON NOV 4	10.8 ON MAR 2 *	4 630 000	1961
1962	---	308 ON MAY 10	20.2 ON MAR 31	3 120 000	1962
1963	---	187 ON APR 8	30.0 ON OCT 31	3 080 000	1963
1964	---	240 ON OCT 7	32.3 ON FEB 12	3 140 000	1964
1965	---	323 ON SEP 30	27.8 ON AUG 6	5 280 000	1965
1966	---	328 ON DEC 31	38.1 ON OCT 7	4 740 000	1966
1967	---	334 ON FEB 4	28.8 ON SEP 12	6 580 000	1967
1968	---	284 ON JAN 1	25.4 ON JUN 3	3 800 000	1968
1969	---	337 ON OCT 31	35.7 ON JUL 25	5 270 000	1969
1970	---	374 ON JUN 10	31.7 ON APR 18	6 780 000	1970
1971	---	247 ON MAY 10	27.8 ON JUL 28	3 810 000	1971
1972	---	371 ON JUN 2	45.3 ON APR 21	5 890 000	1972
1973	---	308 ON MAY 23	88.5 ON SEP 18	5 470 000	1973
1974	---	311 ON DEC 1	30.3 ON JUL 27	5 480 000	1974
1975	---	278 ON JAN 1	30.9 ON OCT 11	4 340 000	1975
1976	---	357 ON JUN 1	30.3 ON SEP 3	4 830 000	1976
1977	---	311 ON OCT 1	34.0 ON JUL 21	4 670 000	1977
1978	---	308 ON OCT 26	44.2 ON AUG 18	4 810 000	1978
1979	---	524 ON MAY 13 *	55.2 ON JUL 22	7 580 000	1979
1980	---	354 ON MAY 14	48.6 ON SEP 10	6 360 000	1980
1981	---	348 ON APR 30	61.5 ON AUG 27	6 040 000	1981
1982	---	325 ON DEC 28	25.1 ON SEP 1	4 900 000	1982
1983	---	412 ON JUN 7	31.8 ON SEP 12	6 200 000	1983
1984	---	338 ON DEC 18	63.4 ON APR 11	5 990 000	1984
1985	---	391 ON MAY 8	83.8 ON OCT 6	5 780 000	1985
1986	---	285 ON MAY 28	60.9 ON APR 14	4 360 000	1986
1987	---	214 ON DEC 25	27.8 ON OCT 18	2 770 000	1987
1988	---	387E ON MAY 17	34.4E ON JUL 20	5 880 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 110 000	MEAN

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	107	44.2	13.2	83.2	87.5	15.6	14.7	14.8	26.1	84.3	88.9	103	55.4	1980
1981	78.6	66.0	26.4	38.4	51.2	95.1	70.3	32.4	32.1	30.4	51.2	81.1	51.8	1981
1982	78.8	66.8	61.8	86.9	80.1	3.16	3.27	3.23	3.22	35.9	87.6	88.1	46.9	1982
1983	121	98.9	4.49	27.6	90.4	101	86.9	15.2	5.30	30.3	14.6	89.4	55.3	1983
1984	85.8	58.7	85.0	12.1	23.0	46.6	34.0	5.96	21.0	32.6	110	122	51.4	1984
1985	125	93.5	82.8	80.9	94.1	7.43	7.26	4.23	3.78	3.84	9.33	87.5	50.7	1985
1986	52.3	8.37	29.8	22.0	61.4	82.8	8.15	3.55	3.36	70.1	112	8.16	37.0	1986
1987	8.85	42.8	45.6	15.7	15.5	1.84	1.87	1.40	1.13	0.909	0.781	31.0	13.7	1987
1988	89.8	81.0	74.3	121	155	39.8	5.08	5.02	7.06	38.1	140	132	70.2	1988
MEAN	77.2	60.3	46.9	54.2	74.5	41.5	23.4	9.99	11.4	34.0	87.2	79.1	48.3	MEAN

LOCATION - LAT 46 07 22 N
LONG 80 00 48 W
REGULATED SINCE 1949

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	118 ON JAN 1	13.1 ON MAR 14	1 750 000	1980
1981	---	117 ON JUN 17	10.8 ON APR 14	1 630 000	1981
1982	---	136 ON APR 25	3.01 ON MAY 24	1 540 000	1982
1983	---	142 ON JAN 25	3.90 ON MAR 4	1 740 000	1983
1984	---	141 ON DEC 29	1.49 ON APR 11	1 630 000	1984
1985	---	139 ON JAN 1	3.40 ON NOV 12	1 800 000	1985
1986	---	128 ON OCT 22	2.49 ON APR 4	1 170 000	1986
1987	---	69.1 ON DEC 24	0.714 ON NOV 28 *	434 000	1987
1988	---	208 E ON MAY 1 *	1.19 E ON AUG 11	2 230 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 530 000	MEAN

SALT CREEK AT SALT - STATION NO. 02GA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.742	0.784	1.04	1.29	1.07	---	1913
1914	1.09	0.434	2.50	1.31	0.980	0.373	0.259	0.353	0.448	0.398	0.818	1.06	0.839	1914
1915	0.814	1.25	1.89	1.08	0.572	0.384	0.884	1.85	0.939	0.840	0.778	0.848	0.971	1915
1916	2.44	2.39	1.81	2.83	2.01	1.66	0.463	0.344	---	---	---	---	---	1916
MEAN	1.45	1.38	2.10	1.78	1.18	0.778	0.472	0.772	0.717	0.759	0.982	0.832	0.905	MEAN

LOCATION - LAT 43 21 37 N, LONG 80 16 37 W. DRAINAGE AREA, 117 km². NATURAL FLOW. DATA CONTRIBUTED BY - ONTARIO HYDRO

SALT CREEK AT SALT - STATION NO. 02GA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	8.84 ON MAR 18	0.227 ON JUL 7 *	26 600	1914
1915	---	8.37 ON AUG 5	0.283 ON JUN 29	30 600	1915
1916	---	9.80 ON MAR 29 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 600	MEAN

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	1.84	---	1976
1977	1.33	1.91	7.52	3.64	1.84	1.71	1.52	1.98	2.49	2.85	4.45	4.53	2.99	1977
1978	4.55	1.89	4.43	5.65	3.77	1.86	1.85	1.83	2.31	2.43	2.76	1.88	3.21	1978
1979	2.47	1.99	8.77	5.54	2.99	1.90	1.56	1.81	1.79	2.36	2.78	3.20	3.08	1979
1980	2.61	1.19	10.0	6.14	2.48	2.82	3.33	2.00	2.47	3.36	3.21	3.36	3.59	1980
1981	2.32	8.43	3.64	3.67	3.19	2.26	2.10	2.24	2.68	3.42	3.80	2.80	3.41	1981
1982	2.67	1.70	8.03	6.25	2.87	3.13	2.04	1.86	2.13	2.30	3.46	3.73	3.52	1982
1983	3.30	4.37	4.10	4.62	4.62	2.23	1.66	1.80	1.78	2.53	3.03	3.27	3.07	1983
1984	2.18	7.30	4.86	5.80	3.36	2.07	1.81	1.65	2.22	2.03	2.87	2.85	3.26	1984
1985	2.08	4.82	5.87	4.52	2.48	2.08	1.78	1.83	2.04	2.23	4.58	2.86	3.07	1985
1986	2.82	1.95	6.00	3.38	2.36	2.22	1.68	2.36	3.85	3.06	2.67	3.81	3.03	1986
1987	2.54	2.35	7.62	5.00	2.58	2.41	2.00	1.82	2.31	2.53	3.37	3.81	3.22	1987
1988	3.52	5.29	7.28	3.87	2.44	1.80	1.45	1.47	1.88	2.26	2.88	2.86	3.08	1988
MEAN	2.88	3.87	6.49	5.35	2.91	2.20	1.90	1.90	2.35	2.81	3.29	3.14	3.21	MEAN

LOCATION - LAT 43 59 26 N, LONG 78 19 43 W. DRAINAGE AREA, 232 km². NATURAL FLOW

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	82.8 AT 12:05 EST ON MAR 13	38.8 ON MAR 13	1.31 ON JUL 20	94 300	1977
1978	46.4 AT 20:01 EST ON APR 1	26.4 ON APR 1	1.90 B ON DEC 30	101 000	1978
1979	46.1 AT 14:15 EST ON MAR 14	28.4 ON MAR 14	1.27 ON JUL 24	97 300	1979
1980	---	126 E ON MAR 21 *	0.8908 ON MAR 16 *	114 000	1980
1981	---	47.0B ON FEB 20	1.60 ON JUL 17	108 000	1981
1982	89.8 AT 21:29 EST ON MAR 31	34.1 ON APR 3	1.35 B ON FEB 11	111 000	1982
1983	49.2 AT 05:30 EST ON FEB 3	27.5B ON FEB 3	1.41 ON AUG 21	97 000	1983
1984	100 AT 16:20 EST ON FEB 14 *	87.0B ON FEB 14	1.37 ON AUG 28	104 000	1984
1985	---	53.0B ON FEB 24	1.38 ON JUL 25	98 800	1985
1986	34.7 AT 07:51 EST ON SEP 11	32.0B ON MAR 19	1.41 ON JUL 25	85 700	1986
1987	32.7 AT 01:30 EST ON APR 5	24.0B ON MAR 2	1.82 ON JUL 28	101 000	1987
1988	---	42.0B ON MAR 26	1.15 ON JUL 9	98 800	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		101 000	MEAN

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	4.32	3.30	---	---	1945
1946	---	---	21.4	2.32	2.68	1.82	1.25	1.37	1.80	2.35	2.41	3.33	---	1946
1947	4.23	2.88	---	8.87	4.71	5.30	3.28	2.30	2.14	2.16	2.82	4.93	---	1947
1948	---	---	20.3	5.58	4.03	2.87	2.35	2.30	2.12	2.77	3.71	2.89	---	1948
1949	5.46	24.1	5.45	4.48	2.37	1.82	1.73	1.80	2.28	2.47	2.82	3.38	4.70	1949
1950	3.23	0.986	19.8	11.2	2.51	2.24	1.77	2.11	1.88	1.72	1.72	2.82	4.37	1950
1951	7.31	5.25	10.5	7.68	0.836	1.02	1.42	1.78	2.00	1.84	---	---	---	1951
MEAN	5.06	9.08	15.5	6.69	2.84	2.45	1.97	1.94	2.06	2.46	2.73	3.49	4.84	MEAN

LOCATION - LAT 43 56 06 N, LONG 78 17 43 W. DRAINAGE AREA, 267 km². NATURAL FLOW

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	63.68 ON MAR 7	0.850 ON SEP 7	---	1946
1947	---	---	---	---	1947
1948	---	87.28 ON MAR 18	1.84 ON SEP 4	---	1948
1949	---	113 B ON FEB 15 *	1.13 B ON DEC 28	148 000	1949
1950	---	87.48 ON MAR 25	0.6368 ON JAN 18 *	138 000	1950
1951	---	36.38 ON JAN 21	---	---	1951
				143 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	1.30	1.20	1.23	1.46	1.83	2.87	---	1950
1951	7.08	6.03	6.03	7.77	2.72	2.44	2.44	1.47	1.92	2.11	3.83	3.08	4.05	1951
1952	5.85	5.58	11.9	6.98	6.56	3.15	2.43	2.48	2.60	2.40	3.43	4.01	4.96	1952
1953	3.06	2.72	6.51	3.97	4.67	2.34	2.18	1.73	2.30	1.83	2.54	2.48	2.96	1953
1954	2.55	11.1	7.61	7.54	2.58	1.76	1.26	1.55	2.17	3.14	3.68	6.21	4.15	1954
1955	4.59	2.83	14.7	5.48	2.14	1.03	1.03	1.53	1.17	4.75	3.89	2.37	3.79	1955
1956	2.89	2.76	9.83	9.92	5.32	2.29	1.42	1.21	1.89	1.28	1.46	2.67	3.80	1956
1957	5.50	5.44	6.06	6.07	4.25	3.42	1.63	1.24	2.07	1.87	2.60	4.89	3.75	1957
1958	2.48	1.58	6.44	4.02	1.98	1.84	1.01	0.995	1.55	1.48	2.04	2.48	2.52	1958
1959	2.12	2.62	7.25	11.8	3.99	1.53	1.23	1.21	1.38	1.98	2.43	3.24	3.40	1959
1960	2.00	4.26	3.61	12.1	7.79	3.53	2.61	2.14	1.84	2.11	2.82	2.01	3.82	1960
1961	1.48	5.48	6.79	6.18	3.06	3.15	2.21	1.86	1.81	1.73	2.27	2.32	3.10	1961
1962	2.40	2.15	6.37	3.45	2.58	1.63	1.48	1.50	1.59	2.05	2.75	1.77	2.48	1962
1963	1.58	1.57	6.82	3.40	3.77	1.63	1.35	1.53	1.81	1.45	1.88	2.31	2.42	1963
1964	2.72	2.21	4.36	3.61	2.16	1.80	2.02	1.73	1.32	1.45	1.41	3.39	2.33	1964
1965	2.35	6.20	6.11	6.56	2.03	1.27	1.73	1.37	1.41	2.82	3.48	3.74	3.38	1965
1966	2.03	3.52	7.22	3.51	2.47	1.83	1.01	1.21	1.48	1.35	3.40	4.09	2.74	1966
1967	4.82	2.13	6.14	5.85	3.10	3.28	2.56	1.76	2.03	3.42	4.48	4.02	3.63	1967
1968	2.95	4.91	6.65	3.71	3.48	2.22	1.52	1.72	1.81	1.94	3.05	3.42	3.28	1968
1969	5.40	3.74	5.73	5.81	3.86	2.28	1.91	2.18	1.47	1.85	2.78	2.86	3.50	1969
1970	1.82	2.75	4.99	5.61	3.11	1.88	1.84	1.62	1.78	2.18	2.89	3.11	2.83	1970
1971	2.01	3.28	4.10	9.17	2.61	2.32	1.86	1.71	1.87	2.09	2.18	3.18	3.03	1971
1972	3.47	2.01	4.82	13.4	3.34	2.41	2.24	2.23	1.92	2.76	3.86	4.36	3.88	1972
1973	4.70	4.02	6.46	6.08	4.08	2.84	1.74	1.81	1.88	2.30	3.35	2.85	3.66	1973
1974	3.62	2.71	5.62	6.25	4.38	2.82	2.54	1.98	2.08	2.25	2.70	2.67	3.28	1974
1975	3.27	5.13	6.37	5.51	---	---	---	---	---	---	---	---	---	1975
MEAN	3.35	3.97	7.08	6.87	3.56	2.25	1.78	1.65	1.77	2.16	2.84	3.17	3.38	MEAN

LOCATION - LAT 43 59 07 N DRAINAGE AREA, 262 km^2
LONG 78 16 08 W NATURAL FLOW

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	51.3 ON JAN 4	0.736 ON SEP 28	126 000	1951
1952	---	85.88 ON MAR 11	1.10 ON SEP 14	157 000	1952
1953	---	24.2 ON MAY 2	1.08 ON AUG 22	93 300	1953
1954	---	54.98 ON FEB 16	0.981 ON JUL 19	131 000	1954
1955	---	98.6 ON MAR 11 *	0.481 ON JUL 13 *	120 000	1955
1956	---	80.98 ON MAR 5	0.823 ON AUG 11	114 000	1956
1957	---	43.9 ON FEB 27	0.878 ON OCT 12	118 000	1957
1958	---	12.78 ON MAR 2	0.610 ON AUG 1	78 500	1958
1959	---	80.38 ON APR 2	0.787 ON AUG 1	107 000	1959
1960	84.7 AT 19:00 EST ON MAY 9	48.7 ON MAY 9	1.53 B ON DEC 28	124 000	1960
1961	33.1 AT 22:00 EST ON MAR 25	15.7 ON MAR 25	1.27 B ON FEB 1	97 700	1961
1962	29.7 AT 16:30 EST ON NOV 10	14.1 ON NOV 10	1.17 ON JUL 14	78 300	1962
1963	88.88 AT 06:00 EST ON MAR 25	28.28 ON MAR 25	1.05 ON JUL 13	78 200	1963
1964	---	27.1 ON DEC 25	1.05 ON AUG 17	73 800	1964
1965	77.8 AT 23:00 EST ON APR 7	45.08 ON FEB 10	1.02 ON JUN 27	107 000	1965
1966	47.68 AT 15:00 EST ON MAR 1	26.38 ON MAR 1	0.788 ON AUG 10	86 300	1966
1967	40.6 AT 04:00 EST ON APR 3	22.98 ON JAN 25	1.37 ON JUN 5	114 000	1967
1968	40.68 AT 18:00 EST ON FEB 2	27.28 ON MAR 17	1.22 ON JUL 30	104 000	1968
1969	47.38 AT 17:00 EST ON MAR 18	25.68 ON JAN 31	1.14 ON JUL 23	110 000	1969
1970	18.8 AT 18:00 EST ON APR 20	11.3 ON MAR 26	1.31 ON AUG 10	88 200	1970
1971	30.3 AT 23:30 EST ON APR 9	20.6 ON APR 10	1.41 ON AUG 8	85 600	1971
1972	53.2 AT 13:00 EST ON APR 13	42.6 ON APR 13	1.42 B ON DEC 3	123 000	1972
1973	---	23.6 ON APR 2	1.32 ON JUL 24	115 000	1973
1974	52.4 AT 10:26 EST ON APR 4	38.58 ON MAR 5	1.27 B ON JAN 18	103 000	1974
1975	87.6 AT 22:53 EST ON MAR 19 *	48.2 ON MAR 19	---	---	1975
				106 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	0.581	0.779	0.786	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	0.801	0.839	1.14	---	1959
1960	0.738	1.51	1.04	3.39	2.16	1.15	0.678	0.612	0.727	0.678	1.16	0.824	1.27	1960
1961	0.788	1.83	1.80	1.61	1.28	1.16	0.760	0.558	0.585	0.625	0.648	1.01	1.06	1961
1962	0.987	0.805	1.84	1.34	0.890	0.787	0.678	0.584	0.533	0.988	1.35	0.743	0.987	1962
1963	0.545	0.855	2.04	1.38	1.38	0.701	0.562	0.521	0.626	0.630	0.809	1.16	0.930	1963
1964	1.35	0.880	1.90	1.48	0.882	0.648	0.988	0.901	0.551	0.678	0.788	1.37	1.00	1964
1965	1.04	2.76	2.77	2.56	0.838	0.543	0.638	0.482	0.584	0.980	1.29	1.76	1.35	1965
1966	0.778	1.07	2.24	1.11	0.890	0.885	0.388	0.456	0.587	0.618	1.07	1.33	0.937	1966
1967	1.62	0.821	2.22	1.85	0.885	1.08	0.914	0.886	0.886	1.02	1.26	1.25	1.20	1967
1968	1.12	1.55	2.87	1.46	1.21	0.831	0.580	0.715	0.724	0.782	1.25	1.18	1.19	1968
1969	2.33	1.41	1.84	1.84	1.16	0.866	0.787	0.882	0.635	0.770	1.05	0.893	1.19	1969
1970	0.588	0.807	1.82	1.82	1.11	0.813	0.750	0.546	0.623	0.624	1.04	1.02	0.898	1970
1971	0.619	1.36	1.20	2.40	0.847	0.807	0.679	0.593	0.892	0.748	0.833	1.12	1.01	1971
1972	1.15	0.897	1.13	3.80	1.20	0.920	0.841	0.812	0.784	1.04	1.25	1.36	1.25	1972
1973	1.24	1.01	2.80	1.63	1.28	0.931	0.614	0.588	0.684	0.894	1.25	0.942	1.15	1973
1974	1.36	1.16	1.87	1.87	1.38	0.931	0.914	0.710	0.721	0.821	1.08	0.948	1.16	1974
1975	1.14	1.30	2.28	1.53	0.804	0.787	0.654	0.610	0.736	0.674	0.822	0.889	1.03	1975
1976	1.00	1.27	2.28	1.63	1.38	0.983	0.885	0.658	0.778	0.871	0.805	0.877	1.11	1976
1977	0.475	0.885	2.43	1.35	0.747	0.720	0.619	0.602	0.859	0.981	1.52	1.28	1.05	1977
1978	1.02	0.437	1.12	2.91	1.41	0.849	0.804	0.611	0.986	1.11	1.15	0.893	1.13	1978
1979	0.785	0.552	2.84	1.88	1.21	0.836	0.711	0.645	0.795	0.958	1.06	1.11	1.12	1979
1980	0.825	0.381	2.88	2.02	1.12	1.35	1.03	0.886	1.11	1.37	1.27	1.16	1.27	1980
1981	0.819	3.42	1.30	1.33	1.25	0.950	0.935	0.961	1.21	1.43	1.35	1.10	1.33	1981
1982	0.805	0.450	1.58	2.93	1.09	1.30	0.879	0.726	0.845	0.875	1.22	1.29	1.17	1982
1983	1.13	1.72	1.45	1.71	1.52	0.877	0.886	0.773	0.771	1.00	1.29	1.22	1.17	1983
1984	0.886	2.40	1.90	2.41	1.42	0.888	0.807	0.808	1.05	0.938	1.21	1.30	1.31	1984
1985	0.744	1.73	2.14	1.90	1.08	0.817	0.767	0.771	0.887	0.985	1.83	1.10	1.23	1985
1986	1.01	0.800	2.18	1.43	1.10	1.01	0.725	1.06	1.52	1.30	1.16	1.51	1.24	1986
1987	1.02	0.767	2.13	1.84	0.818	0.892	0.718	0.697	0.870	0.977	1.19	1.34	1.10	1987
1988	1.28	1.77	2.01	1.50	1.03	0.719	0.637	0.557	0.701	0.985	1.18	1.00	1.11	1988
MEAN	1.01	1.24	1.86	1.91	1.17	0.885	0.751	0.726	0.794	0.912	1.15	1.13	1.14	MEAN

LOCATION - LAT 44 00 56 N DRAINAGE AREA, 87.3 km²
LONG 78 26 17 W REGULATED

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.1 ON MAY 9	0.651B ON JAN 24	40 200	1960
1961	---	8.28B ON FEB 28	0.610B ON FEB 2	33 600	1961
1962	---	11.8 ON NOV 10	0.221 ON SEP 15 *	30 600	1962
1963	---	8.50B ON MAR 25	0.418 ON JUL 27	28 400	1963
1964	---	8.47 ON JUL 13	0.389 ON JUL 31	31 800	1964
1965	---	19.8 B ON FEB 10	0.418 ON JUL 28	42 400	1965
1966	---	11.3 B ON MAR 1	0.282 ON JUL 26	28 500	1966
1967	---	7.85 ON JAN 25	0.398B ON JAN 20	36 000	1967
1968	18.5 B AT 19:00 EST ON MAR 18	9.06B ON MAR 17	0.405 ON JUL 29	37 500	1968
1969	15.2 B AT 20:58 EST ON MAR 18	8.21B ON JAN 31	0.422 ON JUL 22	37 500	1969
1970	8.47 AT 14:58 EST ON APR 20	3.85 ON MAR 20	0.405 ON AUG 15	31 400	1970
1971	8.18 AT 23:16 EST ON APR 8	5.18 ON APR 10	0.501 ON AUG 7	31 900	1971
1972	14.1 AT 12:00 EST ON APR 13	10.2 ON APR 12	0.453B ON FEB 20	38 500	1972
1973	---	10.2 B ON MAR 4	0.490 ON JUL 22	36 200	1973
1974	17.8 AT 07:33 EST ON APR 4	11.6 E ON MAR 5	0.524B ON JAN 16	36 400	1974
1975	20.1 AT 21:18 EST ON MAR 19	11.4 ON MAR 19	0.261B ON FEB 15	32 300	1975
1976	14.8 AT 08:40 EST ON MAR 21	12.1 ON MAR 21	0.487B ON DEC 30	35 100	1976
1977	20.8 AT 10:14 EST ON MAR 13	13.0 ON MAR 13	0.439B ON JAN 17	33 200	1977
1978	11.6 AT 21:36 EST ON JUL 22	8.35 ON APR 7	0.334B ON MAR 13	35 500	1978
1979	13.0 AT 11:30 EST ON MAR 14	8.81 ON MAR 14	0.460B ON FEB 12	35 300	1979
1980	---	33.0 E ON MAR 21 *	0.348B ON MAR 16	40 200	1980
1981	---	12.5 B ON FEB 20	0.644 ON JUL 17	42 000	1981
1982	---	20.0 E ON APR 3	0.380B ON MAR 3	36 900	1982
1983	28.8 AT 00:00 EST ON FEB 3	8.20E ON FEB 3	0.576 ON JUL 26	37 000	1983
1984	26.1 AT 10:33 EST ON APR 5 *	20.0 B ON FEB 14	0.580B ON JAN 20	41 400	1984
1985	---	13.5 B ON FEB 24	0.583 ON AUG 6	38 800	1985
1986	13.5 AT 04:39 EST ON SEP 11	11.3 E ON MAR 19	0.605 ON JUL 24	39 000	1986
1987	8.22 AT 23:00 EST ON APR 4	5.80B ON MAR 2	0.555 ON JUL 28	34 700	1987
1988	---	11.4 B ON MAR 28	0.365 ON AUG 14	35 100	1988
				35 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0	0	---	1974
1975	0.001	0.033	0.008	0.004	0	0	0	0	0	0	0	0	0.004	1975
1976	0	0.031	0.107	0.018	0.018	0.001	---	---	---	---	---	---	---	1976
MEAN	0.001	0.032	0.058	0.010	0.010	0.001	0	0	0	0	0	0	0.004	MEAN

LOCATION - LAT 43 54 41 N
LONG 78 08 23 W NATURAL FLOW

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 18 *	---	1974
1975	1.43 AT 14:40 EST ON FEB 24	0.958 ON FEB 24	0 ON JAN 1	115	1975
1976	1.86 AT 15:11 EST ON MAR 20 *	0.899 ON MAR 20 *	0 ON JAN 1	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		115	MEAN

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	0.088	0.058	0.043	0.048	0.048	0.048	---	1976
1977	---	---	0.381	0.204	0.051	0.033	0.033	0.032	0.085	0.122	0.222	---	---	1977
1978	---	---	---	0.507	0.178	0.050	0.038	0.036	0.036	0.035	---	---	---	1978
1979	---	---	---	0.288	0.095	0.039	0.033	0.030	0.023	0.029	0.045	0.138	---	1979
1980	---	---	---	---	0.080	0.083	0.084	0.038	0.045	0.059	0.083	---	---	1980
1981	---	---	0.112	0.103	0.062	0.040	0.027	0.044	---	---	0.165	---	---	1981
MEAN	---	---	0.252	0.278	0.083	0.045	0.044	0.040	0.042	0.059	0.108	0.092	---	MEAN

LOCATION - LAT 43 51 35 N, LONG 78 05 10 W
DRAINAGE AREA, 13.5 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.034 ON SEP 5	---	1976
1977	---	1.66 ON MAR 13	0.014 ON JUL 25	---	1977
1978	---	2.35 ON APR 7 *	0.027 ON SEP 2	---	1978
1979	---	1.83 ON DEC 25	0.012 ON SEP 27 *	---	1979
1980	---	---	---	---	1980
1981	---	---	0.015 ON JUL 11	---	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

GORING DRAIN AT CONCESSION #13 (PITTOCK TEST) - STATION NO. 02GD025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	---	0.001	0.033	0.020	---	1988
MEAN	---	---	---	---	---	---	---	---	---	0.001	0.033	0.020	---	MEAN

LOCATION - LAT 43 17 05 N, LONG 80 49 16 W
DRAINAGE AREA, 3.51 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	21.5	12.3	---	1987
1988	9.06	6.23	11.6	92.5	27.3	25.9	10.4	12.4	22.8	34.3	18.8	15.4	23.9	1988
1989	11.9	7.60	4.95	59.1	37.1	29.0	13.8	4.52	2.52	20.8	19.5	9.77	18.3	1989
1970	4.80	3.01	2.72	21.0	40.5	38.8	20.0	8.80	24.4	20.8	17.7	16.1	18.3	1970
1971	7.28	5.10	10.5	55.5	71.4	17.0	4.78	4.23	5.08	15.3	26.9	17.5	20.1	1971
1972	10.0	5.60	5.21	23.8	80.7	13.4	10.5	34.7	16.0	15.0	13.1	8.84	20.0	1972
1973	10.1	7.42	27.4	81.4	36.8	16.8	7.23	22.2	8.28	11.3	13.8	8.93	19.4	1973
1974	5.85	4.55	5.60	58.0	45.5	26.9	8.86	7.39	16.5	20.1	27.5	13.5	19.9	1974
1975	10.5	7.19	5.09	33.7	76.9	31.3	7.60	2.47	4.05	5.48	17.8	18.7	18.5	1975
1976	6.28	3.47	20.4	104	28.8	11.4	3.38	1.18	1.10	1.21	1.81	1.84	15.4	1976
1977	1.73	1.81	10.3	93.7	18.7	4.73	9.15	6.85	18.1	28.7	36.7	12.3	19.8	1977
1978	8.48	4.23	3.05	18.0	57.5	24.8	7.28	11.4	19.2	33.7	13.3	8.24	17.4	1978
1979	5.82	4.02	12.1	90.3	47.0	17.0	8.86	11.8	5.95	32.3	36.6	13.9	23.7	1979
1980	8.28	5.86	3.98	56.4	23.0	15.4	10.1	5.30	10.6	15.8	12.8	8.34	14.7	1980
1981	5.00	5.91	8.31	81.9	23.3	28.9	15.4	4.89	2.46	10.0	10.5	6.19	18.8	1981
1982	4.07	3.08	4.31	40.9	67.0	8.31	4.49	2.61	11.5	30.9	25.1	18.9	18.5	1982
1983	12.4	7.81	17.2	48.3	66.5	38.2	4.45	3.03	4.86	23.2	18.2	11.5	21.2	1983
1984	8.84	6.25	8.11	59.1	23.2	14.4	22.5	7.00	10.4	21.5	39.0	21.2	20.1	1984
1985	8.68	5.30	6.83	81.5	62.6	17.9	7.26	3.81	6.83	16.6	21.8	10.1	20.1	1985
1986	5.18	3.85	8.27	86.6	22.6	14.4	28.7	23.2	27.0	31.6	15.4	8.65	21.2	1986
1987	5.65	4.38	9.38	32.8	18.9	8.86	4.43	3.83	3.83	13.6	18.5	15.2	11.2	1987
1988	8.73	6.28	8.40	90.8	37.4	8.03	2.03	18.7	14.7	30.8	87.4	25.0	25.8	1988
MEAN	7.43	5.27	9.02	60.3	42.7	18.8	8.86	8.43	11.4	20.8	22.2	13.0	18.3	MEAN

LOCATION - LAT 46 51 37 N, LONG 83 58 18 W
DRAINAGE AREA, 1 180 km^2
NATURAL FLOW

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02EF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	238 ON APR 15	3.88 ON AUG 15	756 000	1968
1969	337 AT 08:00 EST ON JUN 27	211 ON JUN 27	1.60 ON SEP 14	578 000	1969
1970	187 AT 12:25 EST ON JUN 1	182 ON JUN 1	2.10 B ON APR 7	576 000	1970
1971	132 AT 02:01 EST ON APR 21	129 ON APR 21	2.70 ON SEP 19	534 000	1971
1972	180 AT 09:19 EST ON MAY 3	176 ON MAY 3	4.53 B ON MAR 4	532 000	1972
1973	173 AT 20:08 EST ON APR 21	163 ON APR 22	2.88 ON JUL 26	513 000	1973
1974	168 AT 00:21 EST ON APR 30	161 ON APR 29	3.40 ON JUL 29	526 000	1974
1975	235 AT 12:40 EST ON MAY 1	208 ON MAY 1	0.711 ON SEP 4	582 000	1975
1976	---	235 E ON APR 18	0.887 ON AUG 31 *	466 000	1976
1977	---	224 E ON APR 19	1.70 B ON JAN 14	524 000	1977
1978	114 AT 08:00 EST ON MAY 13	109 ON MAY 13	2.88 B ON MAR 23	550 000	1978
1979	370 AT 12:05 EST ON APR 26 *	363 ON APR 26 *	3.16 ON JUL 24	749 000	1979
1980	120 AT 18:17 EST ON APR 10	108 B ON APR 10	3.44 ON SEP 5	485 000	1980
1981	222 AT 02:14 EST ON APR 5	200 ON APR 5	1.78 ON SEP 25	528 000	1981
1982	184 AT 01:07 EST ON MAY 2	182 ON MAY 2	1.64 ON AUG 18	584 000	1982
1983	117 AT 00:44 EST ON MAY 3	113 ON MAY 3	1.09 ON SEP 4	468 000	1983
1984	136 AT 23:27 EST ON APR 18	130 ON APR 18	3.78 ON SEP 7	535 000	1984
1985	342 AT 04:26 EST ON APR 25	321 ON APR 25	2.83 ON AUG 31	532 000	1985
1986	121 AT 04:38 EST ON APR 20	117 ON APR 20	3.20 B ON MAR 6	570 000	1986
1987	82.3 AT 05:15 EST ON APR 12	51.1 ON APR 12	1.85 ON AUG 13	353 000	1987
1988	---	194 ON APR 7	1.28 ON AUG 2	520 000	1988
				508 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	0.203	---	---	1987
1988	---	---	---	0.451	0.153	0.089	0.096	0.112	0.070	0.229	0.396	---	---	1988
MEAN	---	---	---	0.451	0.153	0.089	0.096	0.112	0.070	0.229	0.300	---	---	MEAN

LOCATION - LAT 45 20 33 N, LONG 75 48 30 W
DRAINAGE AREA, 26.5 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED OCT 07 1987. SEASONAL OPERATION (APR 01-DEC 15)

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	---	2.61 ON MAR 26 *	0.033 ON JUN 18 *	---	1988
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	0.271	1.38	3.22	---	1981
1982	0.553	0.621	13.3	21.4	1.31	0.850	1.56	0.483	0.183	2.08	8.93	6.53	4.81	1982
1983	1.08	0.531	24.8	12.0	9.58	1.72	2.75	0.621	0.215	0.185	0.843	0.559	4.80	1983
1984	1.89	2.59	15.0	14.8	2.87	1.42	1.86	0.884	0.300	0.213	0.337	2.78	3.72	1984
MEAN	1.17	1.26	17.7	16.1	4.62	1.36	1.99	0.570	0.233	0.882	3.07	3.27	4.41	MEAN

LOCATION - LAT 43 49 45 N, LONG 80 17 58 W
DRAINAGE AREA, 749 km^2
REGULATED

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	175 ON MAR 30 *	0.082 ON SEP 4 *	155 000	1982
1983	---	171 B ON MAR 27	0.130 ON SEP 11	145 000	1983
1984	---	84.9 ON APR 8	0.147 ON OCT 18	118 000	1984
				139 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.142	0.140	0.270	1.83	1.10	---	1913
1914	1.05	1.47	22.1	15.2	2.73	0.221	0.114	0.188	0.191	0.284	2.18	3.87	4.13	1914
1915	2.24	5.08	28.2	20.6	2.15	0.801	0.987	7.81	11.2	8.37	6.86	4.50	8.07	1915
1916	32.2	7.76	14.7	49.1	8.14	4.82	0.302	0.111	0.096	0.249	0.517	2.83	10.0	1916
1917	0.546	0.426	37.3	25.3	5.47	3.26	15.8	0.515	0.107	0.883	0.707	0.355	7.80	1917
1918	0.052	4.31	51.7	14.3	2.83	0.907	0.148	0.118	2.04	3.80	8.86	17.2	8.75	1918
1919	8.81	2.81	42.3	19.6	14.4	1.79	0.275	0.247	0.246	0.487	3.75	2.86	8.18	1919
1920	0.447	0.309	37.2	16.7	2.83	5.22	4.08	0.881	0.277	1.07	8.88	18.2	7.70	1920
1921	10.2	3.06	40.6	15.6	2.88	1.61	3.03	0.194	0.172	1.53	2.01	8.15	7.48	1921
1922	3.08	4.86	33.1	47.3	1.87	0.514	0.308	0.139	0.217	0.204	0.183	0.208	7.84	1922
1923	0.368	0.340	13.7	48.6	19.5	---	---	0.384	0.227	---	---	---	---	1923
MEAN	5.90	3.02	32.1	27.4	5.25	2.12	2.76	0.981	1.38	1.49	3.13	5.89	7.73	MEAN

LOCATION - LAT 43 47 25 N
LONG 80 18 00 W

DRAINAGE AREA, 789 km²
NATURAL FLOW

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	122 ON MAR 30	0.085 ON JUL 22	130 000	1914
1915	---	78.4 ON APR 11	0.113 ON JUL 2	254 000	1915
1916	---	147 ON JAN 28	0 B ON DEC 21 *	317 000	1916
1917	---	248 ON MAR 27 *	0.028 ON SEP 23	240 000	1917
1918	---	187 ON MAR 21	0 B ON JAN 17	276 000	1918
1919	---	218 E ON MAR 18	0.113 ON AUG 8	258 000	1919
1920	---	105 ON MAR 25	0.087 ON MAY 31	243 000	1920
1921	---	117 ON MAR 21	0.085 ON JUL 17	235 000	1921
1922	---	138 B ON MAR 7	0.028 ON AUG 23	241 000	1922
1923	---	216 ON APR 8	---	---	1923
				244 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	11.6	9.35	14.6	40.4	20.0	---	1913
1914	25.5	50.0	128	86.5	28.3	13.7	8.78	8.85	9.85	9.88	17.7	23.8	33.7	1914
1915	18.8	47.4	110	86.9	25.0	21.7	19.2	86.6	82.7	42.6	46.7	32.2	48.1	1915
1916	180	54.4	87.0	182	92.1	93.4	17.9	12.5	8.37	14.1	16.2	16.8	64.6	1916
1917	22.8	18.3	166	122	52.0	50.7	138	13.6	8.21	15.2	18.1	15.8	55.3	1917
1918	7.81	159	394	82.8	24.4	14.3	8.53	8.57	26.4	24.3	35.6	89.7	72.3	1918
1919	27.6	18.6	193	105	110	23.2	10.8	9.87	11.2	12.6	25.3	28.4	48.3	1919
1920	11.8	11.0	207	82.5	21.8	15.7	18.0	11.1	8.01	13.7	41.0	77.7	44.5	1920
1921	80.4	26.4	182	102	81.8	26.3	31.4	16.0	11.6	26.9	37.3	56.0	53.9	1921
1922	20.7	62.0	161	221	22.3	26.0	13.6	12.2	13.4	13.7	16.6	---	---	1922
1923	---	---	---	205	108	30.4	14.0	9.82	13.7	---	---	---	---	1923
1947	---	---	---	---	---	---	---	---	---	17.5	18.6	35.3	---	1947
1948	21.7	38.8	286	74.2	47.4	17.7	22.5	14.6	12.8	7.84	23.1	15.0	48.7	1948
1949	67.8	100	144	80.5	18.2	16.8	13.3	10.7	13.2	14.3	10.7	100	47.3	1949
1950	151	46.2	143	181	25.7	18.7	19.6	18.6	17.8	17.5	38.4	102	66.1	1950
1951	89.4	71.1	168	208	36.8	28.2	33.3	18.1	20.5	26.4	77.0	48.5	88.5	1951
1952	108	58.2	134	142	34.5	30.0	20.6	14.1	13.8	12.0	17.0	37.6	60.2	1952
1953	44.1	44.2	137	81.5	82.8	72.4	31.5	18.8	14.9	14.5	15.0	20.5	46.5	1953
1954	18.5	130	185	154	35.8	21.8	17.1	16.6	17.0	139	46.6	46.3	68.6	1954
1955	55.0	22.2	150	148	30.5	20.4	15.1	15.6	13.2	17.8	58.4	42.5	48.2	1955
1956	20.6	18.1	110	250	166	34.7	38.6	69.0	71.6	36.6	31.5	67.6	76.7	1956
1957	44.4	60.8	88.6	89.4	48.6	39.8	48.7	21.3	26.0	22.0	52.4	111	56.0	1957
1958	28.4	18.0	65.5	46.3	24.2	21.1	20.8	13.7	18.4	13.3	25.3	17.2	28.4	1958
1959	23.7	30.3	84.6	235	65.6	22.8	21.6	19.6	20.1	40.0	64.1	63.2	66.7	1959
1960	38.7	43.4	36.5	285	131	46.4	26.2	24.6	23.1	22.6	21.0	11.1	60.0	1960
1961	6.38	44.3	65.1	61.8	60.5	28.7	23.3	24.1	22.8	21.4	26.6	20.7	33.9	1961
1962	17.3	12.2	84.4	78.2	22.0	20.6	17.6	20.6	16.2	23.2	43.2	36.9	34.1	1962
1963	18.4	15.9	116	66.6	48.5	20.0	18.3	16.5	16.3	13.6	15.7	12.7	31.6	1963
1964	24.3	19.9	71.6	60.7	29.5	17.4	18.7	33.2	23.2	22.6	22.9	41.0	32.3	1964
1965	42.0	103	85.2	184	50.6	17.2	18.5	18.3	18.5	38.9	69.5	105	62.6	1965
1966	61.0	47.2	95.6	67.5	43.1	26.6	20.4	21.7	20.5	17.8	37.4	75.2	43.7	1966
1967	56.9	55.5	93.0	170	40.7	64.3	68.2	26.0	29.0	64.5	66.6	129	76.5	1967
1968	60.3	102	148	62.0	37.7	26.1	21.6	42.4	47.6	48.4	74.6	76.6	62.6	1968
1969	61.6	76.3	111	202	67.6	31.7	27.2	26.0	20.5	19.9	34.6	21.0	58.7	1969
1970	16.3	23.1	49.0	183	47.5	23.3	28.1	25.2	29.4	32.1	49.9	80.4	46.4	1970
1971	36.6	37.1	61.3	184	33.6	26.6	26.3	27.4	21.5	20.0	15.9	24.8	46.2	1971
1972	33.4	26.3	75.2	254	49.0	36.0	34.6	27.7	23.6	36.1	46.3	64.4	58.2	1972
1973	78.7	56.4	224	90.7	65.2	37.6	24.5	25.0	20.7	19.9	44.6	45.1	61.3	1973
1974	78.3	62.0	164	144	148	37.7	24.7	19.1	19.7	21.8	28.6	20.4	63.3	1974
1975	36.6	66.9	116	187	42.1	36.0	20.8	41.2	33.3	26.8	37.0	66.7	58.3	1975
1976	36.8	116	277	110	62.1	28.7	41.3	30.8	24.0	40.7	40.8	29.6	72.2	1976
1977	19.4	16.2	198	87.4	26.8	20.1	22.6	26.6	63.3	108	76.6	103	64.8	1977
1978	42.6	36.6	70.8	268	69.7	27.6	20.7	18.5	32.7	30.8	34.6	38.6	66.6	1978
1979	46.6	23.3	216	206	62.1	32.1	21.8	26.7	23.1	26.9	60.3	108	71.5	1979
1980	77.3	24.0	109	135	53.7	33.3	29.6	30.0	29.0	37.3	36.7	53.0	54.1	1980
1981	26.8	153	67.0	80.5	46.0	26.5	23.6	26.1	68.1	63.9	64.2	58.3	57.3	1981
1982	26.2	16.5	119	248	43.5	53.7	26.6	27.7	44.4	36.2	88.7	167	77.2	1982
1983	53.0	63.4	66.0	105	123	42.3	33.6	36.6	31.8	41.3	46.9	64.1	61.0	1983
1984	47.3	181	113	108	80.1	46.9	26.6	25.2	33.7	26.6	60.5	90.3	64.6	1984
1985	82.3	66.6	240	217	36.6	34.2	31.6	36.3	64.0	46.3	134	90.6	89.6	1985
1986	66.7	36.6	166	74.4	69.3	40.1	36.0	47.7	207	157	80.1	68.2	84.5	1986
1987	52.1	36.2	130	130	34.8	28.6	36.6	34.6	27.6	32.9	61.1	105	68.7	1987
1988	44.9	62.6	104	66.1	36.9	19.6	21.9	22.6	22.6	26.3	72.6	42.6	46.9	1988
MEAN	46.4	54.2	137	138	66.0	31.6	26.9	23.6	26.6	33.2	43.6	57.6	56.6	MEAN

LOCATION - LAT 43 07 56 N DRAINAGE AREA, 5 210 km²
LONG 80 16 01 W REGULATED SINCE 1942

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	649 ON MAR 28	0.850 ON AUG 2	1 080 000	1914
1915	---	317 ON APR 11	5.68 ON JUL 1	1 550 000	1915
1916	---	654 ON MAR 29	4.82 ON SEP 8	2 040 000	1916
1917	---	538 ON MAR 26	5.16 ON SEP 28	1 740 000	1917
1918	---	620 ON MAR 20	0.880 ON JAN 6 *	2 280 000	1918
1919	---	1 080 ON MAR 18	4.87 ON SEP 13	1 620 000	1919
1920	---	725 ON MAR 17	5.61 ON SEP 4	1 410 000	1920
1921	---	547 ON MAR 9	7.08 ON AUG 27	1 700 000	1921
1922	---	900 ON APR 12	---	---	1922
1923	---	821 ON APR 7	---	---	1923
1947	---	---	---	---	1947
1948	1 550 AT 13:00 EST ON MAR 20	1 350 ON MAR 20 *	1.84 ON OCT 12	1 570 000	1948
1949	1 010 ON MAR 23	711 ON DEC 23	8.17 ON AUG 20	1 490 000	1949
1950	1 430 ON APR 5	1 280 ON APR 5	12.3 ON AUG 13	2 080 000	1950
1951	872 ON MAR 31	745 ON MAR 31	13.7 ON AUG 14	2 190 000	1951
1952	891 ON APR 2	816 ON APR 2	8.48 ON AUG 30	1 890 000	1952
1953	888 ON MAY 27	388 ON MAY 3	11.6 ON NOV 7	1 470 000	1953
1954	1 590 ON OCT 16	1 100 ON OCT 17	13.0 ON FEB 13	2 100 000	1954
1955	---	831 ON MAR 12	10.1 E ON SEP 27	1 540 000	1955
1956	1 250 ON MAY 12	894 ON APR 5	11.9 A ON FEB 5	2 390 000	1956
1957	859 ON DEC 21	841 ON DEC 21	13.6 ON OCT 12	1 770 000	1957
1958	---	172 ON MAR 28	10.3 ON AUG 29	533 000	1958
1959	---	854 ON APR 6	13.6 B ON JAN 4	1 780 000	1959
1960	1 150 ON APR 5	1 080 ON APR 5	7.67 B ON DEC 26	1 800 000	1960
1961	---	258 ON FEB 25	8.00 B ON JAN 31	1 040 000	1961
1962	841 AT 14:00 EST ON MAR 30	436 ON MAR 30	11.3 B ON FEB 17	1 070 000	1962
1963	686 AT 21:30 EST ON MAR 27	582 ON MAR 27	10.1 ON OCT 19	1 000 000	1963
1964	259 AT 10:00 EST ON DEC 26	214 ON DEC 26	11.2 ON JUL 31	1 020 000	1964
1965	1 090 AT 11:00 EST ON FEB 11	855 ON FEB 11	12.6 ON JUN 28	1 980 000	1965
1966	385 AT 04:00 EST ON DEC 8	334 ON DEC 8	14.1 ON SEP 28	1 380 000	1966
1967	868 AT 19:00 EST ON APR 3	738 ON APR 4	8.43 ON SEP 7	2 410 000	1967
1968	418 AT 22:30 EST ON NOV 28	391 ON NOV 30	13.8 ON JUN 21	1 880 000	1968
1969	731 AT 11:30 EST ON APR 19	583 ON APR 19	16.3 B ON DEC 3	1 880 000	1969
1970	362 AT 13:38 EST ON APR 10	317 ON APR 10	14.1 B ON JAN 25	1 480 000	1970
1971	467 AT 08:31 EST ON APR 14	447 ON APR 14	10.6 ON DEC 3	1 480 000	1971
1972	1 010 AT 19:36 EST ON APR 19	830 ON APR 19	17.0 B ON DEC 6	1 840 000	1972
1973	671 AT 20:08 EST ON MAR 12	578 ON MAR 13	16.6 ON OCT 26	1 830 000	1973
1974	1 780 AT 22:02 EST ON MAY 17 *	1 030 ON MAY 18	15.2 ON DEC 27	1 890 000	1974
1975	1 050 AT 21:51 EST ON APR 19	883 ON APR 20	16.0 ON JAN 2	1 840 000	1975
1976	788E AT 20:37 EST ON MAR 21	691 ON MAR 22	16.8 ON JUN 14	2 280 000	1976
1977	823 AT 22:48 EST ON MAR 13	644 ON MAR 14	14.2 ON JUL 28	2 040 000	1977
1978	806 AT 07:06 EST ON APR 14	589 ON APR 14	16.2 ON AUG 15	1 780 000	1978
1979	1 330 AT 21:34 EST ON APR 15	1 130 ON APR 15	17.3 ON JUL 25	2 250 000	1979
1980	881 AT 08:36 EST ON MAR 22	677 ON MAR 22	18.5 ON JUL 14	1 710 000	1980
1981	638 AT 13:30 EST ON FEB 24	584 ON FEB 24	16.2 ON JUL 15	1 810 000	1981
1982	1 030 AT 10:47 EST ON APR 1	840 ON APR 1	17.0 B ON MAR 5	2 430 000	1982
1983	390 AT 12:33 EST ON MAY 3	342 ON MAY 3	17.1 ON JUL 26	1 820 000	1983
1984	---	4008 ON FEB 15	18.6 ON AUG 27	2 050 000	1984
1985	881 AT 23:56 EST ON APR 6	807 ON APR 7	20.2 ON AUG 5	2 830 000	1985
1986	705 AT 09:37 EST ON SEP 13	654 ON SEP 13	23.5 B ON MAR 6	2 670 000	1986
1987	587 AT 20:37 EST ON APR 6	498 ON APR 6	21.5 ON SEP 7	1 850 000	1987
1988	---	345 ON MAR 27	18.1 ON JUL 8	1 480 000	1988
				1 780 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT CONESTOGO - STATION NO. 02GA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.784	0.888	1.30	8.72	4.30	---	1913
1914	8.01	8.88	47.8	26.8	8.43	1.30	0.788	1.08	1.72	1.38	4.33	8.18	8.12	1914
1915	2.77	12.1	40.8	32.8	4.73	2.88	2.82	21.7	24.0	13.8	15.2	8.82	18.2	1915
1916	48.1	11.8	27.8	76.3	20.7	23.0	2.18	0.711	0.888	1.34	1.48	2.71	18.1	1916
1917	1.78	1.14	82.1	37.8	11.3	7.37	35.4	2.82	1.22	2.82	2.84	3.08	13.3	1917
1918	0.882	4.77	82.3	22.4	4.47	2.08	0.704	0.807	4.28	8.74	8.88	24.2	11.8	1918
1919	21.0	3.88	88.8	31.7	27.8	4.03	0.720	0.808	0.841	1.88	7.03	8.87	13.8	1919
1920	1.88	1.48	81.7	28.7	4.41	8.88	8.43	2.03	1.28	2.70	12.3	23.8	12.8	1920
1921	18.3	8.84	84.8	28.8	10.4	8.23	8.88	2.17	1.81	8.48	7.88	17.7	14.8	1921
1922	8.08	12.2	84.3	83.8	4.28	3.88	2.38	1.48	1.81	1.80	1.82	3.48	12.8	1922
1923	2.27	1.47	38.3	88.0	32.1	8.88	1.88	0.802	1.83	---	---	---	---	1923
MEAN	10.8	8.22	80.8	41.8	12.8	8.10	8.00	3.18	3.88	3.80	8.81	10.0	13.8	MEAN

LOCATION - LAT 43 32 28 N, LONG 80 28 40 W
DRAINAGE AREA, 1 420 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT CONESTOGO - STATION NO. 02GA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	276 ON MAR 27	0.426 ON AUG 9	267 000	1914
1915	---	140 ON SEP 13	0.850 ON JUN 30	488 000	1915
1916	---	240 ON JAN 28	0.396 ON SEP 11	572 000	1916
1917	---	269 ON MAR 27	0.536 ON OCT 2	431 000	1917
1918	---	239 ON MAR 21	0 ON FEB 7 *	375 000	1918
1919	---	294 ON MAR 18 *	0.170 ON JUL 27	436 000	1919
1920	---	184 ON MAR 17	0.850 ON SEP 28	407 000	1920
1921	---	219 ON MAR 9	1.02 ON SEP 10	486 000	1921
1922	---	202 ON APR 11	0.340 ON SEP 6	405 000	1922
1923	---	238 ON APR 7	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		426 000	MEAN

GRAND RIVER AT GALT - STATION NO. 02GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	4.48	3.66	5.68	10.3	8.22	---	1913
1914	12.0	12.6	68.7	51.9	16.1	6.66	5.03	4.91	6.09	5.25	11.4	13.0	17.7	1914
1915	9.46	21.8	60.6	62.6	12.3	7.71	10.2	36.6	49.2	27.7	29.6	18.2	29.0	1915
1916	85.6	27.0	91.4	136	48.3	58.1	7.23	3.78	3.64	6.64	7.16	9.64	27.8	1916
1917	10.6	6.64	128	74.5	26.6	26.7	70.6	8.26	5.60	10.5	10.1	6.04	32.7	1917
1918	7.06	60.8	151	62.9	13.6	7.72	4.67	3.62	15.1	13.7	19.3	54.1	33.6	1918
1919	20.0	12.2	134	64.7	63.4	10.6	3.21	3.39	3.97	5.61	16.6	16.3	29.6	1919
1920	7.41	6.67	127	62.6	13.4	11.6	12.0	6.67	4.49	9.31	26.4	47.6	28.0	1920
1921	37.1	14.2	124	62.6	32.1	14.0	16.7	6.38	4.34	17.6	23.8	38.7	32.6	1921
1922	10.8	26.3	113	144	17.4	14.2	6.74	6.74	7.66	6.66	7.31	7.46	30.4	1922
1923	6.32	4.47	70.9	138	66.1	17.2	6.66	3.63	7.37	6.63	6.76	34.6	31.1	1923
1924	29.4	12.8	67.6	121	76.6	14.7	6.60	6.67	6.66	6.60	6.16	7.61	30.9	1924
1925	4.39	39.7	138	31.1	6.46	2.47	2.61	3.37	4.06	6.39	66.6	16.6	26.7	1925
1926	13.0	11.1	66.6	205	26.2	16.2	3.74	33.1	21.3	35.0	110	21.6	46.7	1926
1927	12.6	12.8	160	62.4	63.4	27.1	26.1	6.32	4.76	6.36	16.7	36.6	32.6	1927
1928	26.4	16.9	117	117	19.3	14.6	16.6	14.0	6.66	21.3	66.7	66.6	40.6	1928
1929	40.6	17.3	162	160	62.1	10.6	6.04	4.02	2.66	6.17	11.6	7.73	41.2	1929
1930	66.0	66.6	62.3	114	36.7	6.43	6.04	2.62	2.96	3.31	3.76	6.62	32.7	1930
1931	3.67	3.66	16.2	66.6	16.0	6.46	6.76	4.60	4.00	6.16	21.6	61.4	19.6	1931
1932	66.6	66.1	64.6	66.6	26.6	12.0	7.77	11.0	26.6	16.3	62.3	66.6	44.7	1932
1933	34.3	21.6	46.0	144	27.1	6.43	3.04	2.36	1.66	3.26	6.01	19.3	26.3	1933
1934	27.3	6.76	76.6	164	13.6	6.13	3.26	1.72	2.61	3.22	7.64	6.73	26.6	1934
1935	16.7	12.6	66.6	14.6	17.6	36.7	6.62	2.63	1.92	2.77	16.4	11.0	20.6	1935
1936	6.69	6.66	113	67.6	16.4	11.6	1.66	1.33	2.66	6.36	6.72	32.6	22.6	1936
1937	120	60.0	16.6	120	36.2	6.72	6.30	6.66	6.14	7.76	6.66	6.36	36.0	1937
1938	6.66	102	133	61.3	16.2	6.64	3.66	6.77	6.37	6.26	6.01	6.70	26.0	1938
1939	11.7	13.6	76.3	160	16.6	6.61	6.39	6.03	3.60	3.66	6.62	6.36	26.7	1939
1940	3.00	3.36	3.66	146	66.6	36.6	12.1	6.33	23.0	21.6	60.6	66.2	36.1	1940
1941	36.0	16.2	26.0	136	6.61	6.66	6.66	6.73	6.66	11.6	31.7	27.6	26.6	1941
1942	12.7	7.62	139	73.6	66.6	66.6	6.66	6.72	23.6	32.6	60.3	26.3	62.1	1942
1943	31.0	66.6	166	139	104	16.7	6.00	10.2	12.1	16.2	26.6	6.62	66.7	1943
1944	11.6	12.6	66.2	116	36.6	16.6	16.1	7.61	6.66	11.1	6.26	6.71	27.0	1944
1945	6.36	6.66	122	63.3	63.6	61.3	16.7	6.67	17.7	63.6	37.7	16.6	61.6	1945
1946	63.3	23.7	132	17.0	21.2	11.6	12.6	11.6	6.03	6.66	10.6	16.4	27.1	1946
1947	33.1	26.6	66.7	262	104	66.1	26.6	16.6	17.3	10.6	11.1	20.6	66.6	1947
1948	16.3	22.1	203	61.7	30.3	12.6	16.7	6.73	7.13	6.16	12.6	7.06	32.7	1948
1949	63.7	60.6	116	66.1	10.6	10.6	6.66	7.66	7.39	6.26	6.66	62.6	31.7	1949
1950	67.6	26.6	66.6	160	19.0	16.6	12.1	12.6	12.6	12.0	26.3	73.6	66.6	1950
1951	66.0	66.3	121	173	27.7	16.7	26.6	12.6	13.6	16.6	63.6	36.3	61.2	1951
1952	66.6	33.1	67.0	116	20.2	12.0	16.6	6.61	6.62	6.66	10.2	26.7	36.2	1952
1953	27.3	26.6	61.0	36.3	71.2	66.7	26.7	16.2	11.0	10.6	10.0	11.6	31.7	1953
1954	10.6	62.6	110	110	21.6	16.2	12.6	12.6	12.3	116	36.6	30.3	67.6	1954
1955	36.0	13.2	66.6	110	22.6	16.6	12.1	12.6	6.61	12.6	26.6	26.6	33.6	1955
1956	16.7	11.1	66.6	167	111	21.6	27.6	66.6	62.7	23.0	19.1	36.7	66.6	1956
1957	26.0	26.1	61.1	66.6	30.6	30.7	32.3	16.6	17.7	16.6	33.6	76.6	36.6	1957
1958	16.0	11.6	26.6	26.6	16.6	16.2	16.6	10.3	6.66	6.66	16.7	10.6	16.6	1958
1959	13.6	16.6	66.1	171	37.3	17.1	16.6	16.7	16.6	30.6	66.1	31.6	36.6	1959
1960	26.6	26.2	22.3	201	103	30.6	20.0	20.6	21.0	20.3	16.6	6.60	62.7	1960
1961	6.26	26.7	32.6	62.6	36.6	16.6	16.6	16.6	16.7	16.7	16.6	16.6	22.3	1961
1962	10.6	7.60	66.6	67.1	16.6	13.6	12.6	16.6	12.6	16.6	27.6	22.7	21.7	1962
1963	16.6	12.2	76.6	66.6	36.3	16.3	16.0	13.2	13.2	16.6	11.2	6.66	22.1	1963
1964	16.0	13.6	61.6	26.6	16.7	13.1	16.7	21.6	16.6	13.2	11.6	22.6	26.1	1964
1965	26.6	67.6	66.6	132	36.6	12.6	13.1	11.6	12.6	26.6	66.0	66.6	62.7	1965
1966	61.3	26.6	62.6	66.3	27.2	26.6	16.6	13.6	13.3	12.2	16.6	66.6	26.6	1966
1967	37.2	66.0	66.1	116	26.0	66.2	61.1	16.6	26.6	66.3	76.3	67.6	66.0	1967
1968	61.2	66.3	66.2	61.6	22.6	16.6	17.6	31.6	36.6	36.6	66.7	61.6	63.6	1968
1969	36.6	66.6	66.3	162	66.6	21.0	20.2	16.6	16.1	13.6	26.6	12.6	66.2	1969
1970	6.62	13.7	26.2	106	30.6	16.6	16.6	16.6	26.7	21.0	31.7	66.6	31.3	1970
1971	26.2	23.3	63.6	136	22.7	26.6	16.6	17.6	16.0	13.6	11.6	23.3	31.3	1971
1972	23.6	16.2	33.1	176	31.2	26.6	22.2	16.0	17.6	23.3	27.6	36.7	37.6	1972
1973	66.6	61.6	166	62.6	66.3	26.6	16.6	17.6	16.0	16.6	26.6	26.3	61.6	1973
1974	62.7	66.2	106	106	101	26.0	16.7	16.6	16.6	16.3	16.6	12.6	62.1	1974
1975	21.7	66.6	66.6	136	27.7	26.1	16.6	26.6	22.6	16.7	26.6	63.6	66.2	1975
1976	22.6	66.6	166	72.6	66.3	16.7	66.6	22.6	27.6	66.6	66.6	21.0	66.7	1976
1977	11.6	6.10	116	67.0	16.6	13.2	16.2	16.6	66.6	73.6	66.6	66.6	61.3	1977
1978	26.1	16.7	66.6	162	66.6	17.2	16.7	16.2	66.3	16.2	66.1	21.6	66.6	1978
1979	61.6	16.6	133	133	67.6	66.3	16.1	16.1	16.1	16.2	66.7	63.3	66.6	1979
1980	63.6	16.3	66.6	66.1	27.6	66.6	66.1	66.6	66.6	26.2	26.1	66.6	66.2	1980
1981	16.6	66.6	66.7	66.6	66.6	16.6	16.7	16.3	61.6	62.6	61.2	61.6	66.2	1981
1982	16.3	16.3	67.6	162	26.2	66.6	16.2	26.6	26.6	26.1	66.6	122	66.6	1982
1983	66.7	66.1	61.6	76.6	63.1	66.6	16.7	16.6	16.6	66.2	66.1	66.6	66.6	1983
1984	16.6	66.1	76.6	76.2	66.6	66.6	16.3	16.1	66.3	16.7	66.7	66.7	66.6	1984
1985	66.7	66.6	162	167	21.6	16.7	16.6	66.1	66.2	66.6	76.6	66.6	66.6	1985
1986	66.7	66.6	106	61.6	66.6	66.3	66.2	66.1	171	116	66.3	66.6	66.6	1986
1987	66.3	16.6	76.6	66.7	17.6	16.1	66.2	66.3	16.2	66.6	66.3	62.6	66.6	1987
1988	66.3	61.6	66.6	61.1	66.6	66.6	16.7	16.3	17.6	16.6	66.6	66.6	31.6	1988
MEAN	26.6	66.2	66.2	100	66.6	16.6	16.6	13.6	16.6	16.3	27.6	66.6	66.6	MEAN

LOCATION - LAT 43 21 10 N DRAINAGE AREA, 3 630 km²
LONG 80 19 01 W REGULATED

GRAND RIVER AT GALT - STATION NO. 02GA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	331 ON MAR 28	1.56 ON AUG 9	558 000	1914
1915	---	283 ON APR 11	3.78 ON JUN 27	913 000	1915
1916	---	558 ON MAR 30	2.81 ON SEP 26	1 200 000	1916
1917	---	719 ON MAR 24	4.06 ON SEP 30	1 030 000	1917
1918	---	493 ON MAR 22	1.84 ON AUG 18	1 080 000	1918
1919	---	585 ON MAR 18	1.59 ON JUL 19	824 000	1919
1920	---	459 ON MAR 13	2.28 ON SEP 6	884 000	1920
1921	---	402 ON MAR 9	2.55 ON SEP 11	1 030 000	1921
1922	---	536 ON APR 13	2.12 ON AUG 23	858 000	1922
1923	---	498 ON APR 7	2.18 ON AUG 3	881 000	1923
1924	---	456 ON APR 6	3.09 ON NOV 8	976 000	1924
1925	---	473 ON MAR 19	1.38 ON JUL 1	841 000	1925
1926	---	411 ON APR 23	2.88 ON AUG 15	1 470 000	1926
1927	---	583 ON MAR 14	3.60 ON AUG 28	1 040 000	1927
1928	---	758 ON MAR 25	3.00 ON SEP 2	1 280 000	1928
1929	---	841 ON APR 8	1.55 ON SEP 8	1 300 000	1929
1930	388 AT 11:30 EST ON APR 7	323 ON APR 7	1.61 ON AUG 2	1 010 000	1930
1931	---	3518 ON DEC 25	1.85 ON SEP 13	828 000	1931
1932	8888 AT 11:30 EST ON FEB 12	8548 ON FEB 12	3.68 ON JUN 27	1 410 000	1932
1933	487 AT 05:30 EST ON APR 2	438 ON APR 2	1.08 ON SEP 24	829 000	1933
1934	518 AT 18:00 EST ON APR 4	430 ON APR 4	0.821 ON SEP 3	814 000	1934
1935	572 AT 23:00 uST ON MAR 17	527 ON MAR 17	1.02 ON AUG 31	880 000	1935
1936	482 AT 08:00 EST ON MAR 28	374 ON MAR 28	0.736 ON AUG 9 *	710 000	1936
1937	483 AT 20:00 EST ON APR 6	343 ON APR 6	1.80 E ON JUL 24	1 100 000	1937
1938	683 AT 13:00 EST ON MAR 24	561 ON MAR 24	2.76 ON DEC 14	883 000	1938
1939	765 AT 07:00 EST ON APR 19	654 ON APR 19	2.16 ON JUL 24	904 000	1939
1940	891 AT 09:00 EST ON APR 9	800 ON APR 9	2.41 ON AUG 17	1 200 000	1940
1941	489 AT 13:30 EST ON APR 7	388 ON APR 7	2.07 ON SEP 28	818 000	1941
1942	1 020 AT 15:00 EST ON MAR 17	575 ON MAR 17	2.83 ON SEP 3	1 330 000	1942
1943	934 AT 08:00 EST ON MAY 12	725 ON APR 2	4.80 ON DEC 23	1 570 000	1943
1944	618 AT 10:30 EST ON MAR 25	379 ON MAR 25	3.43 ON JAN 19	853 000	1944
1945	544 AT 21:00 EST ON MAR 16	476 ON MAR 17	4.78 ON AUG 5	1 310 000	1945
1946	885 AT 17:00 EST ON MAR 7	530 ON MAR 7	3.17 ON OCT 5	885 000	1946
1947	1 170 AT 13:00 EST ON APR 12	1 040 ON APR 12	7.31 ON DEC 1	1 780 000	1947
1948	1 210 AT 08:00 EST ON MAR 20	1 070 ON MAR 20	3.48 ON OCT 7	1 040 000	1948
1949	861 ON MAR 23	557 ON MAR 23	4.47 ON NOV 26	898 000	1949
1950	1 080 AT 02:00 EST ON APR 5	759 ON APR 5	6.97 ON AUG 12	1 400 000	1950
1951	674 AT 05:00 EST ON MAR 31	524 ON MAR 31	9.37 ON AUG 13	1 810 000	1951
1952	480 AT 08:00 EST ON APR 2	382 ON APR 2	3.66 ON OCT 14	1 080 000	1952
1953	541 AT 18:00 EST ON MAY 25	357 ON MAY 3	7.28 ON DEC 17	1 000 000	1953
1954	1 360 AT 14:00 EST ON OCT 16	1 140 ON OCT 16 *	8.13 B ON JAN 18	1 490 000	1954
1955	436 AT 23:00 EST ON MAR 11	292 ON MAR 12	5.46 ON OCT 4	1 050 000	1955
1956	877 AT 15:00 EST ON MAY 12	654 ON APR 5	8.96 ON FEB 24	1 570 000	1956
1957	450 AT 17:30 EST ON DEC 21	396 ON DEC 21	8.24 ON OCT 18	1 180 000	1957
1958	118 AT 15:00 EST ON MAR 29	112 ON MAR 29	0.29 ON AUG 29	521 000	1958
1959	589 AT 10:00 EST ON APR 6	490 ON APR 6	10.1 B ON JAN 12	1 230 000	1959
1960	610 AT 19:00 EST ON APR 4	580 ON APR 5	6.23 B ON DEC 26	1 350 000	1960
1961	188 AT 11:00 EST ON FEB 24	173 ON FEB 24	4.38 B ON JAN 21	704 000	1961
1962	391 AT 08:30 EST ON MAR 30	311 ON MAR 30	6.74 ON JUL 29	886 000	1962
1963	406 AT 08:00 EST ON MAR 26	351 ON MAR 26	8.54 ON OCT 19	699 000	1963
1964	162 AT 15:00 EST ON APR 8	127 ON APR 8	6.74 ON NOV 22	836 000	1964
1965	711 AT 07:30 EST ON FEB 11	470 ON FEB 11	9.08 ON JUL 13	1 350 000	1965
1966	219 AT 17:00 EST ON DEC 7	178 ON DEC 8	9.63 ON NOV 7	895 000	1966
1967	672 AT 12:40 EST ON APR 3	557 ON APR 3	8.94 E ON AUG 23	1 700 000	1967
1968	343 AT 14:30 EST ON NOV 29	264 ON NOV 29	12.1 ON JUN 21	1 370 000	1968
1969	691 AT 04:29 EST ON APR 19	487 ON APR 19	9.29 B ON DEC 2	1 270 000	1969
1970	280 AT 02:04 EST ON APR 17	228 ON APR 22	5.04 B ON JAN 26	885 000	1970
1971	377 AT 03:55 EST ON APR 14	345 ON APR 14	9.32 ON DEC 2	887 000	1971
1972	852 AT 15:45 EST ON APR 19	733 ON APR 19	11.9 ON DEC 5	1 200 000	1972
1973	490 AT 14:20 EST ON MAR 12	433 ON MAR 12	9.34 B ON DEC 24	1 310 000	1973
1974	1 550 AT 17:19 EST ON MAY 17 *	855 ON MAY 17	9.32 B ON DEC 27	1 330 000	1974
1975	852 AT 16:25 EST ON APR 19	561 ON APR 19	8.96 B ON JAN 6	1 200 000	1975
1976	592 AT 15:38 EST ON MAR 21	501 ON MAR 21	13.5 ON JUN 13	1 540 000	1976
1977	575 AT 17:32 EST ON MAR 13	445 ON MAR 13	7.58 B ON JAN 31	1 300 000	1977
1978	483 AT 05:23 EST ON APR 14	426 ON APR 14	12.3 ON AUG 14	1 090 000	1978
1979	758 AT 15:28 EST ON APR 15	597 ON APR 15	11.5 ON SEP 21	1 400 000	1979
1980	540 AT 23:58 EST ON MAR 21	425 ON MAR 21	13.4 ON JUL 14	1 050 000	1980
1981	415 AT 09:10 EST ON FEB 24	367 ON FEB 24	12.8 ON JUL 15	1 110 000	1981
1982	672 AT 03:57 EST ON APR 1	478 ON APR 1	10.3 B ON MAR 2	1 510 000	1982
1983	292 AT 06:41 EST ON MAY 3	248 ON MAY 3	14.2 ON SEP 5	1 170 000	1983
1984	281 AT 04:09 EST ON DEC 30	244 ON DEC 30	11.1 ON OCT 15	1 280 000	1984
1985	724 AT 14:45 EST ON APR 6	638 ON APR 6	14.7 ON JUL 28	1 860 000	1985
1986	842 AT 06:24 EST ON SEP 30	584 ON SEP 30	13.2 B ON MAR 7	1 750 000	1986
1987	473 AT 14:48 EST ON APR 6	430 ON APR 6	15.2 ON JUN 17	1 110 000	1987
1988	---	258 ON MAR 28	12.6 ON AUG 22	1 010 000	1988
				1 120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	7.07	5.37	7.75	25.9	7.49	---	1913
1914	11.8	17.5	115	62.3	21.0	6.15	4.06	4.49	8.00	5.11	15.8	13.8	23.7	1914
1915	12.0	23.6	---	65.5	15.0	10.7	11.5	54.6	57.4	28.5	45.4	20.6	---	1915
1916	103	43.1	76.1	158	63.6	29.8	13.9	9.86	9.53	12.6	7.15	17.2	48.6	1916
1917	13.3	8.26	153	68.6	36.1	30.5	97.0	9.29	5.54	11.2	11.5	12.5	40.2	1917
1918	13.7	63.3	178	62.2	16.8	7.98	3.83	3.87	18.0	14.3	28.1	60.5	39.0	1918
1919	17.6	10.4	142	76.5	29.1	12.9	4.44	4.47	4.89	10.3	20.7	18.9	32.8	1919
1920	7.70	6.82	157	74.5	17.6	15.2	15.6	9.14	5.86	---	---	---	---	1920
MEAN	25.6	24.7	137	83.9	34.4	21.8	21.5	12.8	14.1	12.9	21.7	21.6	38.9	MEAN

LOCATION - LAT 42 18 36 N, LONG 80 20 50 W
DRAINAGE AREA, 3 600 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	808 ON MAR 28	0.566 ON JAN 3 *	747 000	1914
1915	---	---	---	---	1915
1916	---	880 ON MAR 30	4.76 ON NOV 18	1 540 000	1916
1917	---	807 ON MAR 27	3.54 ON SEP 23	1 270 000	1917
1918	---	702 ON MAR 22	2.38 ON JUL 28	1 230 000	1918
1919	---	988 ON MAR 16 *	2.94 ON JUL 20	1 030 000	1919
1920	---	837 ON MAR 13	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 180 000	MEAN

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	0.806	0.736	5.07	---	1952
1953	5.21	5.09	24.7	8.18	11.6	7.96	5.50	1.58	1.63	0.898	1.04	2.83	6.85	1953
1954	0.863	13.1	25.0	31.9	2.42	2.10	1.81	0.475	1.42	27.4	8.12	5.08	9.79	1954
1955	6.02	1.79	17.1	36.7	2.10	0.721	1.06	1.04	0.571	1.31	7.00	3.52	6.87	1955
1956	2.16	1.06	8.16	52.0	12.2	1.57	2.46	7.44	4.44	1.48	1.66	6.41	8.22	1956
1957	4.18	7.42	13.7	15.3	3.73	5.74	3.77	2.08	2.21	2.06	7.32	14.2	6.78	1957
1958	1.21	1.31	7.58	12.3	1.83	0.625	0.273	0.883	0.982	0.513	0.390	0.300	2.31	1958
1959	0.465	0.858	2.88	43.5	7.36	1.65	1.09	0.677	0.548	2.52	12.3	6.57	6.88	1959
1960	4.81	4.69	5.24	59.8	20.8	3.52	2.38	0.658	0.184	0.128	0.492	0.358	8.57	1960
1961	0.188	4.04	14.7	12.2	5.56	1.63	1.28	1.88	0.985	0.185	1.27	2.88	3.88	1961
1962	0.488	0.450	12.5	19.9	1.15	0.911	1.68	0.384	0.120	1.61	9.04	5.03	4.44	1962
1963	0.784	0.494	24.8	10.7	9.28	1.58	2.67	0.462	0.126	0.100	0.609	0.346	4.37	1963
1964	1.41	1.91	12.6	14.1	2.80	1.41	1.58	0.385	0.213	---	---	---	---	1964
MEAN	2.33	3.82	13.9	26.5	6.73	2.45	2.16	1.48	1.11	3.28	3.97	4.39	5.30	MEAN

LOCATION - LAT 43 53 48 N, LONG 80 17 01 W
DRAINAGE AREA, 855 km²
REGULATED

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1952	---		---		---		---	1952
1953	87.7	ON MAY 2	61.2	ON MAR 16	0.170	ON SEP 12	207 000	1953
1954	289	ON OCT 15 *	236	ON OCT 15 *	0.283	ON AUG 22	308 000	1954
1955	---		121	ON APR 3	0.142	ON JUN 28	207 000	1955
1956	212	ON APR 6	178	ON APR 6	0.340	ON JUN 22	280 000	1956
1957	142	ON DEC 20	111	ON DEC 21	0.255	ON AUG 1	214 000	1957
1958	---		45.08	ON MAR 30	0.026	ON AUG 16 *	72 900	1958
1959	---		150	ON APR 8	0.1708	ON JAN 19	210 000	1959
1960	213	ON APR 4	206	ON APR 4	0.088	ON OCT 15	271 000	1960
1961	---		88.6	ON MAR 28	0.0858	ON JAN 22	122 000	1961
1962	177	ON MAR 30	166	ON MAR 30	0.088	ON SEP 4	140 000	1962
1963	195	ON MAR 27	163	ON MAR 27	0.082	ON OCT 15	138 000	1963
1964	128	ON APR 8	98.0	ON APR 8	---		---	1964
	B - ICE CONDITIONS		* - EXTREME RECORDED FOR THE PERIOD OF RECORD				196 000	MEAN

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	17.2	28.1	42.6	---	1967
1968	15.0	19.2	30.6	14.7	5.83	5.99	5.30	9.38	10.2	10.4	20.8	30.7	14.6	1968
1969	12.4	16.4	17.6	85.6	22.6	7.03	5.62	7.83	10.8	9.26	8.61	3.40	15.0	1969
1970	2.26	3.31	4.80	47.2	10.9	5.70	10.6	12.6	8.85	8.25	11.1	24.6	12.2	1970
1971	5.37	5.36	12.4	58.7	7.26	6.46	6.35	7.78	4.84	2.79	4.05	7.17	10.7	1971
1972	6.56	6.85	7.32	70.8	11.6	8.31	6.03	7.46	8.85	6.31	5.83	12.4	12.9	1972
1973	20.6	14.8	84.0	21.4	16.5	9.85	6.57	6.72	8.27	6.22	6.67	7.76	14.6	1973
1974	8.87	12.5	34.5	38.6	33.9	8.78	5.78	5.83	4.83	5.14	4.18	3.85	13.8	1974
1975	7.21	7.21	20.6	80.9	8.45	6.46	6.20	6.66	7.11	5.14	5.31	12.0	12.0	1975
1976	5.08	6.38	98.3	19.6	14.0	8.55	13.1	7.38	6.85	11.6	11.6	7.54	15.3	1976
1977	2.80	2.39	39.7	17.5	3.33	3.56	4.57	5.72	12.0	28.3	21.7	20.9	13.8	1977
1978	9.29	3.44	6.38	66.9	17.1	4.85	4.67	5.32	4.85	4.61	5.82	7.20	11.8	1978
1979	16.8	4.70	46.5	53.6	12.0	5.77	4.87	5.20	4.78	4.16	13.0	25.6	16.5	1979
1980	15.4	8.16	18.1	34.6	5.57	5.48	6.53	12.3	9.74	11.2	10.2	15.6	12.8	1980
1981	8.46	32.4	13.0	13.8	7.35	7.45	8.17	8.85	23.7	20.6	15.1	18.7	14.8	1981
1982	7.83	3.19	13.2	83.3	6.28	8.40	6.53	10.0	8.92	6.27	24.8	51.2	17.5	1982
1983	13.7	4.11	16.0	27.2	28.2	7.38	7.54	8.55	6.73	9.74	9.76	14.2	12.7	1983
1984	8.93	31.8	27.8	30.8	5.00	6.41	7.02	8.08	8.51	4.98	8.68	25.9	14.2	1984
1985	16.2	20.6	51.2	70.0	8.67	5.02	5.55	8.07	12.5	8.64	26.8	25.0	21.3	1985
1986	7.44	7.91	40.2	14.2	7.58	4.78	10.1	10.7	62.4	36.6	10.5	9.38	18.7	1986
1987	11.5	5.36	24.7	30.2	3.82	5.06	7.44	6.34	5.23	5.39	7.50	21.6	11.2	1987
1988	11.6	22.9	20.9	20.2	5.70	4.68	5.55	5.95	4.87	5.38	13.8	8.17	10.6	1988
MEAN	10.1	11.5	27.0	39.3	11.4	6.33	7.20	7.85	10.6	9.86	12.3	17.0	14.1	MEAN

LOCATION - LAT 43 35 06 N
LONG 80 28 54 W
DRAINAGE AREA, 1 170 km²
REGULATED

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1967	---		---		---		---	1967
1968	189 AT 14:00 EST ON NOV 28		183 ON NOV 29		2.72 ON JUN 18		481 000	1968
1969	283 AT 17:51 EST ON APR 16		202 ON APR 5		0.745 ON OCT 16 *		473 000	1969
1970	155 AT 16:36 EST ON APR 16		120 ON APR 17		1.56 B ON JAN 14		383 000	1970
1971	189 AT 15:30 EST ON APR 13		176 ON APR 13		2.36 ON OCT 5		336 000	1971
1972	634 AT 02:36 EST ON APR 19		507 ON APR 19 *		3.51 ON OCT 21		409 000	1972
1973	183 AT 02:30 EST ON MAR 12		168 ON MAR 12		3.34 ON NOV 14		480 000	1973
1974	874 AT 05:55 EST ON MAY 17 *		379 ON MAY 17		3.17 B ON DEC 1		428 000	1974
1975	337 AT 07:52 EST ON APR 18		234 ON APR 19		3.54 B ON JAN 8		377 000	1975
1976	416 AT 23:46 EST ON JUN 30		211 ON MAR 25		2.49 B ON JAN 26		482 000	1976
1977	229 B AT 06:00 EST ON MAR 13		183 B ON MAR 13		1.90 B ON JAN 27		429 000	1977
1978	230 AT 19:40 EST ON APR 13		187 ON APR 14		2.29 B ON MAR 13		373 000	1978
1979	411 AT 11:12 EST ON APR 15		315 ON APR 15		1.54 E ON SEP 25		520 000	1979
1980	---		138 B ON MAR 21		3.67 ON MAY 27		405 000	1980
1981	224 AT 22:00 EST ON FEB 23		164 ON FEB 24		3.40 B ON FEB 10		481 000	1981
1982	257 AT 19:56 EST ON MAR 31		167 ON APR 16		2.60 B ON MAR 2		552 000	1982
1983	97.6 AT 20:10 EST ON MAY 2		82.6 ON MAY 3		2.35 E ON SEP 8		402 000	1983
1984	120 B AT 15:05 EST ON FEB 21		120 B ON FEB 21		2.02 A ON OCT 13		450 000	1984
1985	266 AT 01:55 EST ON APR 7		240 ON APR 7		3.22 ON JUN 13		674 000	1985
1986	359 AT 04:32 EST ON SEP 11		181 ON SEP 11		2.63 ON JUN 1		590 000	1986
1987	198 AT 02:46 EST ON APR 6		176 ON APR 6		2.63 ON MAY 31		354 000	1987
1988	---		95.0 ON APR 5		3.60 B ON DEC 11		334 000	1988
							445 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT YORK - STATION NO. 02GB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	13.5	9.78	9.26	11.8	49.7	25.9	---	1913
1914	26.7	46.6	165	92.0	35.6	16.6	9.90	8.87	12.7	10.6	22.2	27.6	39.7	1914
1915	22.3	54.6	106	80.6	23.7	15.3	15.4	76.3	66.6	47.0	47.3	51.4	50.6	1915
1916	214	89.7	125	237	113	118	19.5	10.6	9.16	15.6	18.1	29.6	82.9	1916
1917	23.6	14.2	200	135	61.6	66.0	133	21.2	13.2	22.0	24.3	24.1	61.9	1917
1918	10.3	141	387	90.3	31.7	20.2	12.3	10.5	31.3	25.0	36.6	61.9	71.3	1918
1919	65.7	30.7	192	94.6	136	24.6	13.0	11.3	11.0	15.4	25.0	62.0	57.1	1919
1920	13.9	12.6	224	108	30.7	25.6	36.0	16.6	11.2	15.4	61.9	86.3	52.5	1920
1921	66.7	32.9	216	135	66.0	29.6	33.6	16.0	13.9	31.2	61.1	66.3	62.0	1921
1922	24.9	74.6	183	243	27.3	40.4	15.6	13.6	26.7	12.9	12.6	17.1	56.1	1922
1923	20.4	16.7	136	166	104	30.6	12.1	10.1	13.6	---	---	---	---	1923
MEAN	49.4	51.3	183	138	61.6	38.4	25.7	18.6	18.9	20.7	31.8	47.4	58.8	MEAN

LOCATION - LAT 43 01 20 N
LONG 79 53 32 W
DRAINAGE AREA, 5 910 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT YORK - STATION NO. 02GB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	736 ON MAR 28	5.66 ON AUG 6 *	1 250 000	1914
1915	---	317 ON SEP 14	6.06 ON JUN 27	1 600 000	1915
1916	---	767 ON MAR 31	5.89 ON SEP 6	2 620 000	1916
1917	---	627 ON MAR 27	6.24 ON FEB 16	1 950 000	1917
1918	---	624 ON MAR 22	7.67 ON JAN 13	2 260 000	1918
1919	---	1 030 ON MAR 19 *	8.17 ON SEP 15	1 800 000	1919
1920	---	628 ON MAR 13	7.73 ON SEP 12	1 880 000	1920
1921	---	654 ON MAR 9	9.63 ON AUG 28	1 980 000	1921
1922	---	694 ON APR 12	7.90 ON NOV 4	1 830 000	1922
1923	---	658 ON APR 8	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 880 000	MEAN

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	3.32	5.30	7.57	4.36	3.88	16.2	---	1950
1951	16.3	4.46	15.8	43.9	4.16	3.10	6.85	7.61	8.35	4.96	9.57	16.4	12.0	1951
1952	15.5	5.12	14.2	17.5	1.82	6.91	8.79	3.83	3.67	2.69	1.66	3.34	7.17	1952
1953	6.05	4.05	12.5	8.83	13.1	7.83	11.2	6.37	6.26	5.70	3.24	2.37	7.58	1953
1954	2.71	11.6	24.9	25.3	2.95	4.67	8.83	8.12	5.97	23.5	15.6	6.61	12.0	1954
1955	8.58	2.85	15.7	27.2	3.01	8.48	8.11	6.09	4.19	1.41	3.24	10.8	8.40	1955
1956	3.62	1.58	7.52	42.4	13.4	3.26	3.67	9.57	18.7	9.02	4.60	5.34	10.2	1956
1957	5.18	7.60	10.5	9.03	5.60	8.68	12.0	12.5	5.76	2.51	4.15	23.7	8.83	1957
1958	6.24	1.96	3.84	3.84	3.66	9.12	4.68	4.19	1.35	1.62	1.36	1.13	3.24	1958
1959	0.833	0.873	3.33	37.0	9.37	8.88	6.44	5.90	4.96	4.87	12.6	9.06	8.61	1959
1960	7.65	6.56	6.86	52.5	26.6	4.73	4.76	5.02	7.67	6.20	3.61	1.62	10.9	1960
1961	0.346	0.867	1.99	12.0	6.62	3.62	4.16	5.37	5.40	5.36	3.62	4.20	4.46	1961
1962	2.75	0.826	1.80	13.7	2.85	3.66	4.19	6.36	5.33	3.37	7.30	4.06	4.88	1962
1963	6.15	3.09	9.06	11.6	10.6	5.23	4.74	6.20	3.93	2.92	1.82	2.09	5.57	1963
1964	3.13	2.88	2.29	5.96	3.46	4.22	4.19	2.98	5.24	3.93	2.86	3.46	3.89	1964
1965	3.46	6.67	8.22	28.8	10.6	4.09	4.59	5.81	5.58	6.83	11.9	19.0	8.73	1965
1966	13.7	2.00	6.47	9.80	7.20	4.86	6.84	5.79	4.80	3.50	2.83	5.17	6.17	1966
1967	5.76	16.9	6.92	25.1	3.80	12.0	13.6	4.82	10.6	11.2	20.6	22.4	13.6	1967
1968	12.0	10.7	17.0	8.86	4.10	5.31	4.02	3.72	8.21	6.10	13.7	23.3	9.76	1968
1969	10.1	12.2	4.89	46.0	18.2	8.43	6.92	6.69	8.64	2.65	4.36	3.36	10.3	1969
1970	1.39	2.21	2.86	26.4	6.88	4.71	6.24	6.03	4.63	3.96	6.10	19.6	7.77	1970
1971	4.07	2.67	7.36	33.4	4.82	4.77	6.28	5.72	3.14	2.24	3.09	2.88	6.88	1971
1972	3.16	4.86	2.86	40.1	8.24	6.84	6.36	6.82	6.07	3.21	2.86	7.78	8.11	1972
1973	9.23	11.6	26.2	16.3	11.1	7.06	5.78	5.34	5.20	3.76	3.01	5.31	9.83	1973
1974	5.73	10.1	20.6	23.7	21.0	6.03	4.90	5.18	4.26	4.57	2.83	2.81	9.22	1974
1975	3.46	3.46	11.8	33.9	5.86	4.30	5.43	5.19	4.75	4.16	3.56	7.71	7.77	1975
1976	4.02	5.13	47.0	11.2	6.61	3.66	6.86	6.81	7.86	9.16	9.43	6.80	10.6	1976
1977	2.33	1.86	24.8	12.1	2.36	2.96	3.86	4.14	7.72	33.6	17.2	15.6	9.86	1977
1978	6.00	2.26	6.20	36.8	10.7	4.06	4.32	4.27	3.20	3.26	4.06	4.40	7.36	1978
1979	15.2	4.34	33.1	36.1	7.76	4.76	4.48	4.24	4.81	3.43	7.86	16.2	11.8	1979
1980	10.6	6.27	6.61	24.2	3.86	5.06	6.73	9.63	7.86	6.17	7.74	11.3	8.81	1980
1981	7.72	17.4	7.64	6.67	4.90	6.88	6.77	6.20	18.3	13.6	10.2	16.8	10.1	1981
1982	6.00	2.80	6.70	38.6	3.89	4.61	4.48	6.32	6.13	4.02	11.6	32.6	10.6	1982
1983	8.46	3.06	6.77	16.6	16.6	6.16	4.23	4.19	4.88	6.06	6.92	6.88	6.11	1983
1984	6.13	20.9	14.6	20.3	2.99	4.63	6.46	6.86	4.73	4.00	6.20	17.0	9.39	1984
1985	13.6	13.2	27.6	46.6	4.56	4.17	4.76	6.86	7.88	6.86	14.9	18.1	14.1	1985
1986	6.96	6.80	21.1	7.88	4.14	3.82	6.50	6.43	37.6	27.6	6.91	7.24	12.0	1986
1987	6.06	3.66	13.6	21.2	2.89	3.87	4.31	4.86	4.24	3.36	3.06	12.3	7.13	1987
1988	7.63	14.6	9.63	12.6	3.93	3.82	3.87	3.77	3.29	3.49	6.61	4.34	6.67	1988
MEAN	6.98	6.26	13.8	23.6	7.47	5.07	6.89	6.69	7.06	6.51	6.90	10.6	8.76	MEAN

LOCATION - LAT 43 43 53 N DRAINAGE AREA, 800 km^2
LONG 80 20 36 W REGULATED SINCE 1942

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	138 ON APR 2	0.850 ON MAR 27	377 000	1951
1952	91.7 ON APR 15	88.6 ON APR 15	0.823 ON NOV 17	227 000	1952
1953	139 ON MAY 2	81.3 ON MAY 2	0.963 ON JUL 1	239 000	1953
1954	259 ON OCT 16	168 ON OCT 17	1.16 ON FEB 3	377 000	1954
1955	---	106 ON APR 15	0.057 ON OCT 6	265 000	1955
1956	303 ON APR 7	275 ON APR 7	0 ON MAY 3 *	322 000	1956
1957	150 ON DEC 24	104 ON DEC 24	1.42 ON SEP 18	278 000	1957
1958	---	20.5 ON JAN 1	0.806 ON DEC 30	102 000	1958
1959	---	154 ON APR 10	0.793 ON JAN 16	288 000	1959
1960	150 AT 08:15 EST ON APR 5	148 ON APR 4	0.3888 ON DEC 26	348 000	1960
1961	48.1 AT 21:00 EST ON APR 18	29.4 ON APR 17	0.2558 ON JAN 15	140 000	1961
1962	78.5 AT 12:00 EST ON APR 7	75.6 ON APR 8	0.7788 ON FEB 14	147 000	1962
1963	131 AT 13:00 EST ON MAR 30	84.6 ON MAR 31	0.806 ON FEB 20	176 000	1963
1964	39.9 AT 08:00 EST ON MAR 10	20.3 ON APR 9	1.03 ON MAR 2	117 000	1964
1965	77.3 AT 02:00 EST ON MAY 11	73.3 ON APR 18	2.21 ON JUL 11	307 000	1965
1966	30.9 AT 16:00 EST ON APR 20	28.0 ON MAR 25	1.59 ON NOV 13	195 000	1966
1967	124 AT 15:00 EST ON APR 3	116 ON APR 3	1.59 ON AUG 21	426 000	1967
1968	132 AT 19:00 EST ON NOV 29	108 ON NOV 30	2.54 ON JUN 26	305 000	1968
1969	194 AT 13:24 EST ON APR 18	135 ON APR 5	0.589 ON OCT 12	324 000	1969
1970	127 AT 12:23 EST ON APR 15	98.0 ON APR 15	1.08 E ON JAN 20	245 000	1970
1971	120 AT 15:17 EST ON APR 14	120 ON APR 14	0.946 ON OCT 5	211 000	1971
1972	445 AT 02:05 EST ON APR 18 *	388 ON APR 18 *	2.11 B ON MAR 3	286 000	1972
1973	114 AT 11:05 EST ON MAR 12	110 ON MAR 13	1.64 ON NOV 14	310 000	1973
1974	311 AT 00:01 EST ON MAY 17	188 ON MAY 17	1.84 B ON FEB 25	281 000	1974
1975	126 AT 02:48 EST ON APR 21	125 ON APR 21	2.31 ON MAY 22	245 000	1975
1976	161 AT 19:18 EST ON MAR 23	153 ON MAR 24	1.67 B ON JAN 26	333 000	1976
1977	119 AT 10:04 EST ON MAR 15	116 ON MAR 15	1.27 B ON JAN 31	312 000	1977
1978	182 AT 13:01 EST ON APR 13	152 ON APR 14	1.56 B ON MAR 12	233 000	1978
1979	315 AT 02:22 EST ON APR 15	239 ON APR 15	1.84 ON FEB 23	372 000	1979
1980	61.6 AT 09:51 EST ON APR 9	56.3 ON APR 10	2.95 ON MAR 15	282 000	1980
1981	103 AT 13:00 EST ON FEB 24	102 ON FEB 24	2.14 B ON FEB 10	318 000	1981
1982	152 AT 18:52 EST ON APR 17	129 ON APR 18	1.60 B ON MAR 12	256 000	1982
1983	59.6 AT 08:29 EST ON MAY 3	57.6 ON MAY 4	2.18 ON SEP 7	297 000	1983
1984	75.3 AT 16:27 EST ON FEB 22	73.4 ON FEB 23	1.78 A ON OCT 11		1984
1985	173 AT 13:22 EST ON APR 6	153 ON APR 6	2.23 ON JUN 12	444 000	1985
1986	91.4 AT 03:18 EST ON MAR 27	90.9 ON MAR 27	2.40 ON MAY 17	377 000	1986
1987	133 AT 18:53 EST ON APR 6	130 ON APR 6	2.28 ON FEB 27	225 000	1987
1988	---	73.5 ON APR 6	3.13 ON SEP 6	208 000	1988
				278 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	0.098	1.05	2.02	---	1984
1985	0.475	1.14	2.89	5.85	0.284	0.179	0.049	0.028	0.085	0.258	1.84	0.971	1.16	1985
1986	0.761	0.262	5.32	1.14	0.307	0.087	0.038	0.055	3.87	1.81	0.450	0.395	1.23	1986
1987	0.304	0.137	3.35	2.22	0.130	0.316	0.358	0.070	0.027	0.055	0.844	2.05	0.810	1987
1988	0.610	1.42	2.30	1.80	0.600	0.049	0.017	0.013	0.024	0.078	1.01	0.398	0.855	1988
MEAN	0.538	0.737	3.47	2.73	0.283	0.158	0.115	0.042	1.03	0.479	1.02	1.17	0.988	MEAN

LOCATION - LAT 44 08 24 N
LONG 80 21 50 W
DRAINAGE AREA, 82.9 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED SEP 1984

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	17.0B ON MAR 28	0.011 ON AUG 13 *	37 200	1985
1986	36.6 AT 22:14 EST ON SEP 11 *	20.0B ON MAR 28 *	0.011 ON AUG 6	38 800	1986
1987	28.6 AT 20:20 EST ON APR 6	17.1 ON APR 6	0.014 ON SEP 28	25 500	1987
1988	---	10.0B ON MAR 25	0.011 ON AUG 7	30 700	1988
				30 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	0.183	0.135	0.382	4.23	---	1947
1948	2.81	2.86	57.3	14.3	5.25	0.297	0.01	0.199	0.057	0.077	1.22	0.830	7.88	1948
1949	9.32	13.8	35.7	13.6	1.17	0.104	0.046	0.014	0.052	0.334	0.230	18.0	7.75	1949
1950	17.2	1.81	12.0	38.6	2.55	1.16	0.491	0.208	0.102	0.308	5.87	15.9	8.11	1950
1951	12.2	5.67	32.2	48.7	3.04	1.52	0.843	0.138	0.252	4.18	18.8	8.35	11.1	1951
1952	13.6	3.46	15.8	34.3	1.51	0.216	0.103	0.188	3.03	0.821	0.820	4.98	8.54	1952
1953	5.27	5.86	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	0.188	0.298	2.52	---	1954
1955	3.24	5.12	7.12	41.2	7.44	1.06	1.58	0.339	0.188	3.68	11.7	18.1	8.88	1955
1956	6.82	6.31	19.9	10.9	5.13	2.73	1.24	1.40	0.909	0.234	2.89	10.5	5.82	1956
1957	11.5	8.41	16.6	27.0	2.25	11.0	12.3	4.80	3.13	14.7	17.3	21.9	12.6	1957
1958	3.21	16.4	33.9	6.92	3.56	0.859	0.754	4.02	5.46	6.77	16.3	11.1	9.33	1958
1959	5.07	7.65	16.9	44.6	13.5	2.34	2.03	0.909	0.385	0.455	3.54	1.97	8.42	1959
1960	1.15	1.58	1.78	44.1	5.18	1.39	3.49	0.758	1.18	3.81	7.72	7.36	8.80	1960
1961	3.11	2.81	5.36	49.3	2.76	1.65	1.57	0.808	0.285	0.198	0.284	4.28	5.89	1961
1962	3.05	1.98	2.67	51.8	5.80	3.24	1.63	1.30	0.308	0.868	3.42	7.54	8.95	1962
1963	12.9	5.75	42.7	13.1	3.26	2.39	1.58	1.58	0.745	0.240	4.83	4.75	9.38	1963
1964	6.44	6.03	24.5	27.1	18.7	1.13	1.31	1.16	0.810	0.328	1.58	1.27	7.38	1964
1965	3.65	3.92	18.0	42.6	5.77	0.586	1.31	0.728	1.27	0.841	1.48	7.48	7.12	1965
1966	2.23	6.26	56.3	11.0	5.83	0.988	2.66	2.06	3.10	5.27	9.16	2.35	8.06	1966
1967	1.26	1.43	38.4	9.85	0.709	0.328	0.610	3.95	9.23	13.4	11.9	8.82	8.47	1967
1968	3.83	1.85	4.47	51.2	8.71	1.46	1.16	0.782	2.96	3.26	3.87	4.48	7.29	1968
1969	3.44	1.27	43.3	29.6	6.85	0.686	0.320	0.542	0.361	1.73	10.5	17.2	8.72	1969
1970	2.58	0.976	17.8	21.6	3.19	1.22	9.52	2.87	3.42	6.04	5.90	8.84	7.00	1970
1971	1.51	31.9	6.85	6.86	5.11	1.86	1.46	6.66	14.1	12.6	11.5	4.54	8.71	1971
1972	2.10	1.19	11.4	45.3	1.44	4.42	1.31	1.07	2.35	2.28	17.9	24.7	8.88	1972
1973	5.37	2.98	15.0	15.0	14.2	2.88	1.08	1.24	1.72	4.37	7.78	6.50	6.80	1973
1974	2.41	28.7	17.1	17.7	3.15	1.40	0.810	1.01	1.78	1.23	7.79	20.4	8.89	1974
1975	5.51	15.1	33.0	43.9	3.48	1.74	0.586	1.43	4.11	3.83	18.4	7.52	11.6	1975
1976	6.99	3.66	33.7	9.15	3.66	1.40	2.22	3.47	33.2	27.2	6.51	6.12	11.6	1976
1977	4.28	2.43	33.1	20.7	0.834	0.848	1.23	0.573	0.521	0.843	4.46	14.8	7.10	1977
1978	5.93	14.2	18.6	13.3	3.17	0.734	0.383	0.466	0.838	1.23	7.66	3.23	5.75	1978
MEAN	5.80	7.16	23.3	27.9	5.29	1.76	2.08	1.58	3.19	3.92	7.16	8.05	8.26	MEAN

LOCATION - LAT 43 51 43 N DRAINAGE AREA, 994 km²
LONG 80 16 22 W REGULATED SINCE 1953

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	447 AT 23:00 EST ON MAR 20 *	337 ON MAR 20 *	0.028 ON AUG 8	242 000	1948
1949	255 ON MAR 28	210 ON MAR 28	0 ON JUL 31 *	244 000	1949
1950	399 ON APR 4	236 ON APR 4	0.028 ON AUG 21	255 000	1950
1951	228 ON MAR 30	182 ON MAR 30	0.028 ON JUL 26	351 000	1951
1952	215 ON APR 1	185 ON APR 1	0.028 ON AUG 27	207 000	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	151 AT 10:00 EST ON APR 12	138 ON APR 12	0.091 ON AUG 26	274 000	1955
1956	148 AT 00:01 EST ON JAN 1	89.6 ON JAN 1	0.164 ON OCT 7	184 000	1956
1957	206 AT 01:45 EST ON APR 3	151 ON APR 3	0.181 ON JUN 7	397 000	1957
1958	186 AT 07:30 EST ON NOV 29	145 ON NOV 29	0.229 ON JUL 24	285 000	1958
1959	161 AT 15:04 EST ON APR 15	140 ON APR 5	0.244 ON OCT 7	288 000	1959
1960	204 AT 21:44 EST ON APR 14	161 ON APR 15	0.201 ON AUG 27	308 000	1960
1961	204 AT 17:07 EST ON APR 13	194 ON APR 13	0.116 ON OCT 8	188 000	1961
1962	388 AT 21:48 EST ON APR 15	284 ON APR 15	0.087 ON SEP 23	230 000	1962
1963	188 AT 03:01 EST ON MAR 12	143 ON MAR 12	0.098 ON OCT 12	283 000	1963
1964	191 AT 12:18 EST ON APR 4	178 ON APR 4	0.170 ON SEP 24	233 000	1964
1965	331 AT 12:04 EST ON APR 19	306 ON APR 19	0.314 ON JUN 27	224 000	1965
1966	328 AT 08:04 EST ON MAR 21	289 ON MAR 21	0.255 ON JUN 24	267 000	1966
1967	282 AT 18:08 EST ON MAR 13	243 ON MAR 13	0.136 ON JUN 24	267 000	1967
1968	202 AT 00:32 EST ON APR 13	174 ON APR 13	0.459 ON SEP 9	230 000	1968
1969	280 AT 19:04 EST ON APR 14	197 ON APR 14	0.031 ON JUL 16	307 000	1969
1970	215 AT 15:48 EST ON MAR 21	145 ON MAR 21	0.345 ON JUL 7	222 000	1970
1971	200 AT 17:45 EST ON FEB 23	163 ON FEB 23	0.395 ON JUL 14	275 000	1971
1972	284 AT 16:30 EST ON MAR 31	171 ON APR 1	0.354 ON JUL 16	306 000	1972
1973	80.0 AT 19:14 EST ON APR 10	46.8 ON APR 15	0.208 ON SEP 13	208 000	1973
1974	285 AT 15:52 EST ON DEC 29	214 ON DEC 29	0.278 ON JUL 24	272 000	1974
1975	202 AT 19:43 EST ON MAR 28	171 ON MAR 29	0.362 ON AUG 13	384 000	1975
1976	193 AT 12:22 EST ON SEP 12	173 ON SEP 12	0.368 ON JUL 11	382 000	1976
1977	228 AT 00:57 EST ON APR 6	173 ON APR 6	0.291 ON AUG 6	224 000	1977
1978	---	88.68 ON MAR 28	0.222 ON JUL 13	182 000	1978
				281 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	5.64	3.28	---	1974
1975	3.27	1.91	1.48	6.61	26.8	17.6	4.37	1.08	1.05	5.07	5.89	5.95	7.14	1975
1976	3.07	1.78	1.42	32.6	22.3	13.0	5.82	1.65	0.750	0.910	1.84	1.47	7.20	1976
1977	0.885	0.784	2.78	18.8	13.0	5.96	10.8	8.58	25.0	11.8	12.1	4.15	9.39	1977
1978	1.45	0.873	0.308	1.87	17.1	12.0	5.12	2.74	1.81	4.15	3.01	1.70	4.36	1978
1979	0.934	0.732	1.01	10.1	38.1	10.9	2.72	1.69	5.17	10.8	17.3	4.40	8.76	1979
1980	1.74	0.881	1.07	11.7	23.2	3.45	1.75	3.27	17.3	15.9	8.48	2.38	7.86	1980
1981	1.33	1.17	1.72	10.2	13.7	11.7	5.86	1.06	0.928	3.87	5.28	2.59	4.94	1981
1982	1.37	1.05	0.878	6.78	42.6	9.82	8.37	3.23	4.07	18.1	15.3	8.95	10.2	1982
1983	2.86	1.43	2.11	7.25	26.3	7.47	3.51	0.563	0.527	10.7	8.95	4.81	6.46	1983
1984	1.31	1.42	1.26	23.2	20.4	18.3	11.0	4.23	1.85	5.48	10.3	17.4	9.69	1984
1985	3.40	1.39	1.19	14.3	15.6	8.81	10.0	12.5	16.0	20.0	20.0	3.23	10.7	1985
1986	1.68	1.22	0.855	16.7	30.1	7.67	7.76	2.33	3.10	8.78	9.83	3.24	6.82	1986
1987	1.68	1.19	1.15	10.4	8.52	3.74	1.78	2.36	4.71	7.17	7.88	3.39	4.22	1987
1988	1.78	1.26	1.13	10.2	20.3	5.89	3.61	19.6	19.8	18.1	16.9	5.82	10.2	1988
MEAN	1.90	1.21	1.32	12.8	21.8	9.82	5.90	4.63	7.30	9.87	10.3	4.85	7.70	MEAN

LOCATION - LAT 48 55 34 N DRAINAGE AREA, 818 km²
LONG 87 41 27 W NATURAL FLOW

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	62.6 AT 14:36 EST ON JUN 17	59.7 ON JUN 17	0.697 ON SEP 17	225 000	1975
1976	149 AT 14:41 EST ON APR 20 *	105 ON APR 20 *	0.614 ON SEP 28	228 000	1976
1977	86.6 AT 14:18 EST ON SEP 10	82.8 ON SEP 10	0.758E ON FEB 25	296 000	1977
1978	28.9 AT 00:49 EST ON MAY 10	28.6 ON MAY 10	0.229E ON MAR 24 *	136 000	1978
1979	92.6 AT 12:52 EST ON MAY 12	91.1 ON MAY 12	0.690E ON FEB 21	277 000	1979
1980	81.6 AT 02:46 EST ON MAY 2	81.3 ON MAY 1	0.765E ON FEB 20	243 000	1980
1981	21.3 AT 18:09 EST ON MAY 8	21.0 ON MAY 8	0.847 ON AUG 31	156 000	1981
1982	82.2 AT 22:38 EST ON MAY 7	81.0 ON MAY 7	0.842E ON MAR 23	322 000	1982
1983	41.5 AT 13:06 EST ON MAY 14	40.7 ON MAY 14	0.338E ON SEP 8	205 000	1983
1984	83.4 AT 05:20 EST ON APR 29	80.7 ON APR 29	0.870E ON FEB 8	306 000	1984
1985	81.0 AT 20:14 EST ON NOV 3	77.9 ON NOV 3	1.14 B ON MAR 18	337 000	1985
1986	51.6 AT 02:24 EST ON APR 30	49.9 ON APR 29	0.835B ON MAR 25	215 000	1986
1987	18.5 AT 10:59 EST ON APR 21	18.3 ON APR 21	1.02 B ON MAR 14	133 000	1987
1988	---	86.1 ON SEP 21	0.920E ON MAR 22	324 000	1988
				243 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	1.07	1.82	0	0	1.05	3.88	0	0	0.008	0.880	---	1945
1946	---	---	0.261	---	---	---	---	3.08	---	---	---	---	---	1946
1947	0.082	0.885	0.711	---	---	---	---	1.87	---	---	---	---	---	1947
1948	0.279	3.80	3.63	0	0	0.425	0.425	1.13	0.038	1.13	1.13	1.98	1.13	1948
1950	1.25	1.04	0.874	0.886	0.837	3.05	4.38	1.95	0.787	0.880	0.585	1.19	1.43	1950
1951	---	---	---	---	---	---	---	---	---	1.02	1.22	0.935	---	1951
1952	0.721	1.22	0.901	0.910	0.283	0.586	0.888	1.58	1.11	0.787	0.730	1.19	0.887	1952
1953	1.11	0.708	0.627	0.586	0.586	0.802	1.18	0.878	0.871	0.585	3.33	0.586	0.984	1953
1954	0.586	0.586	0.586	0.586	0.987	1.54	1.14	1.87	1.24	2.37	2.27	2.28	1.32	1954
1955	1.50	1.41	0.893	0.606	0.586	0.586	0.425	0.425	0.425	0.425	0.425	0.425	0.879	1955
1956	0.425	2.81	1.27	1.27	1.27	1.27	1.27	1.22	1.13	1.13	1.13	2.00	1.33	1956
1957	2.14	1.88	1.48	1.13	1.13	1.31	2.23	1.72	1.44	1.13	1.28	2.55	1.62	1957
1958	1.88	2.17	1.76	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	0.881	1.32	1958
1959	0.850	0.850	0.850	0.850	0.850	0.991	0.881	0.981	0	0.018	0.413	1.19	0.738	1959
1960	1.87	0.878	0.228	0	0	0	0.022	0.181	0.255	0.255	0.255	1.55	0.489	1960
1961	2.22	2.38	0.480	0.887	1.15	1.82	0.887	1.07	0.957	0.783	0.783	0.801	1.15	1961
1962	0.889	1.19	0.758	0	0.327	0.804	0.897	0.810	0.400	0.232	1.22	0.855	0.880	1962
1963	0.577	0.382	0.238	0	0	0	0.912	0.976	0.707	0.631	0.880	0.884	0.525	1963
1964	1.01	0.908	0.948	1.10	1.84	0.387	4.00	2.13	0.887	3.07	2.79	1.89	1.75	1964
1965	2.48	2.20	2.47	2.58	1.17	2.22	1.17	1.57	2.32	0.885	1.52	1.42	1.84	1965
1966	2.28	2.05	2.08	3.80	2.85	3.03	1.10	0.800	1.46	2.40	0.367	0.445	1.88	1966
1967	2.56	2.82	2.50	0.721	2.18	2.87	0.888	1.02	1.07	1.15	1.82	1.85	1.75	1967
1968	1.37	1.88	4.28	2.62	1.15	0.870	1.62	1.15	0.816	1.30	2.19	3.11	1.88	1968
1969	1.07	1.41	3.36	3.88	5.17	4.68	3.66	0.551	0.098	0.252	0.286	0.382	2.07	1969
1970	0.289	0.988	2.04	0.711	2.63	3.46	3.18	2.84	1.72	1.18	1.09	1.11	1.75	1970
1971	1.25	1.20	0.883	0.738	1.14	0.838	1.58	4.22	2.43	2.83	0.853	1.48	1.63	1971
1972	1.85	1.77	0.775	0.185	0.308	0.289	0.440	0.328	0.586	0.586	0.586	0.375	0.883	1972
1973	0.227	0.404	1.11	3.23	3.09	2.54	0	0.002	0.189	0.305	0.350	0.328	0.878	1973
1974	3.51	3.85	3.49	1.78	2.55	3.68	7.82	3.87	1.20	0.882	1.70	1.08	2.87	1974
1975	0.734	0.454	0.287	0.157	2.21	2.34	2.17	2.07	1.12	1.34	2.08	1.56	1.38	1975
1976	1.29	1.03	0.753	1.21	2.18	2.88	2.41	1.52	0.287	0.208	0.101	0.018	1.18	1976
1977	0	0	0	0	0.361	1.14	---	1.15	4.18	2.05	1.82	---	---	1977
1978	1.80	---	1.88	1.30	1.84	1.78	---	---	---	---	---	---	---	1978
1980	---	---	---	---	---	---	---	---	---	0	0	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	0	---	---	---	---	---	---	---	---	---	1986
MEAN	1.28	1.45	1.38	1.10	1.33	1.57	1.70	1.53	0.993	0.998	1.09	1.20	1.33	MEAN

LOCATION - LAT 48 36 28 N
LONG 90 27 21 W

DRAINAGE AREA, 174 km²
REGULATED SINCE 1953

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	5.24 ON MAR 1	0 ON JAN 1 *	35 800	1948
1950	---	5.51R ON AUG 2	0.566 ON APR 1	45 000	1950
1951	---	---	---	---	1951
1952	---	2.44R ON AUG 12	0.263 ON MAY 1	28 100	1952
1953	---	4.86 ON NOV 4	0.566 ON MAR 25	30 400	1953
1954	---	2.65 ON OCT 1	0.886 ON JAN 1	41 800	1954
1955	---	1.70 ON JAN 1	0.425 ON JUL 1	21 400	1955
1956	---	3.82 ON FEB 1	0.425 ON JAN 1	42 000	1956
1957	---	3.14R ON NOV 25	1.13 ON APR 1	51 200	1957
1958	---	2.27 ON FEB 1	0.850R ON DEC 30	41 700	1958
1959	---	1.84 ON DEC 31	0 ON SEP 1	23 300	1959
1960	---	2.83 ON JAN 1	0 ON APR 1	14 500	1960
1961	---	2.80 ON FEB 1	0.425 ON MAR 1	36 300	1961
1962	---	1.83R ON NOV 14	0 ON APR 1	20 800	1962
1963	---	1.44R ON NOV 20	0 ON APR 1	15 500	1963
1964	---	8.51 ON JUL 4	0 R ON JUN 5	55 500	1964
1965	---	3.71R ON AUG 28	0.085R ON MAY 15	57 800	1965
1966	---	3.89 ON APR 25	0.227 ON OCT 31	58 400	1966
1967	---	3.03 ON JUN 4	0.255 ON APR 4	55 200	1967
1968	---	5.66R ON MAR 11	0 R ON MAY 20	58 700	1968
1969	---	5.52R ON MAY 11	0.085RE ON SEP 8	85 200	1969
1970	---	4.25R ON JUN 15	0.255R ON JAN 9	55 100	1970
1971	---	5.38R ON AUG 8	0 ON NOV 1	51 300	1971
1972	---	1.98 ON JAN 1	0.087RE ON AUG 21	21 800	1972
1973	---	3.68R ON MAR 27	0 ON JUL 1	30 800	1973
1974	---	10.5 ON JUL 10 *	0.880RE ON SEP 15	93 700	1974
1975	---	3.08R ON MAY 15	0.113RE ON APR 14	43 800	1975
1976	---	3.26RE ON JUN 27	0 ON DEC 13	38 600	1976
1977	---	5.58E ON SEP 12	0 ON JAN 1	---	1977
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1982	---	---	---	28 200	1982
1985	---	---	---	10 700	1985
1988	---	---	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		40 300	MEAN
	E - ESTIMATED	R - REVISED SINCE JAN 01 1987			

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	0.178	0.117	0.261	0.285	---	1958
1959	0.786	0.427	2.16	2.83	0.440	0.085	0.104	0.042	0.040	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	0.101	0.125	0.131	---	1960
1961	0.081	1.83	1.43	1.76	0.717	0.335	0.295	0.829	0.224	0.103	0.142	0.308	0.647	1961
1962	0.159	0.159	3.06	0.878	0.207	0.150	0.057	0.028	0.100	0.890	1.38	0.551	0.614	1962
1963	0.136	0.142	2.28	0.775	0.447	0.103	0.142	0.085	0.034	0.025	0.085	0.082	0.365	1963
1964	0.430	0.056	1.50	1.18	0.520	0.182	0.281	0.440	0.233	0.139	0.213	0.593	0.484	1964
1965	0.800	1.67	2.05	3.12	0.447	0.050	0.058	0.082	0.085	---	---	---	---	1965
MEAN	0.372	0.681	2.08	1.73	0.463	0.153	0.156	0.251	0.128	0.178	0.383	0.325	0.528	MEAN

LOCATION - LAT 43 18 26 N DRAINAGE AREA, 72.5 km^2
LONG 79 52 08 W NATURAL FLOW

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	11.4 ON APR 3	---	---	1959
1960	---	---	---	---	1960
1961	---	11.8 ON FEB 25	0.057B ON JAN 20	20 400	1961
1962	---	11.8 E ON NOV 10	0.023 ON AUG 4	19 400	1962
1963	---	11.8 E ON MAR 26 *	0.003E ON JUN 28 *	11 500	1963
1964	---	3.14 ON MAR 26	0.028B ON FEB 21	15 300	1964
1965	---	8.35 ON FEB 11	0.008 ON JUL 1	---	1965
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		16 700	MEAN
	E - ESTIMATED				

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.305	0.787	1.07	---	1965
1966	0.561	0.630	2.84	1.01	0.670	0.301	0.063	0.075	0.078	0.112	0.187	0.886	0.818	1966
1967	0.488	0.360	1.77	2.13	0.756	0.886	0.318	0.166	0.167	0.208	0.348	0.947	0.885	1967
1968	0.836	2.84	3.47	0.948	0.376	0.305	0.126	0.341	0.318	0.218	1.29	1.42	1.04	1968
1969	2.72	0.787	1.88	2.67	1.17	0.261	0.217	0.193	0.088	0.136	0.198	0.218	0.884	1969
1970	0.183	0.288	1.93	2.08	0.548	0.104	0.102	0.138	0.120	0.223	0.418	0.893	0.585	1970
1971	0.859	1.54	2.37	2.76	0.284	0.214	0.088	0.082	0.071	0.110	0.128	0.489	0.718	1971
1972	1.06	0.238	2.84	3.70	0.833	0.508	0.522	1.03	0.110	0.400	1.11	1.44	1.16	1972
1973	1.47	1.21	5.51	1.89	1.02	0.365	0.246	0.167	0.088	0.489	1.53	1.45	1.30	1973
1974	2.58	2.26	2.35	1.82	1.85	0.621	0.169	0.092	0.076	0.077	0.180	0.283	1.03	1974
1975	0.510	1.82	2.38	1.31	0.530	0.214	0.088	0.181	0.213	0.307	0.598	0.843	0.723	1975
1976	0.725	3.82	5.01	1.74	1.46	0.319	0.320	0.178	0.330	0.343	0.284	0.197	1.23	1976
1977	0.088	0.201	3.48	1.83	0.362	0.183	0.208	0.150	0.848	1.08	1.28	1.92	0.858	1977
1978	1.14	0.894	3.85	3.48	1.00	0.225	0.102	0.081	0.266	0.286	0.389	0.562	0.881	1978
1979	0.883	0.500	4.11	3.80	0.936	0.424	0.263	0.144	0.101	0.112	0.333	1.20	1.05	1979
1980	0.635	0.240	1.82	2.15	0.867	0.332	0.129	0.080	0.121	0.148	0.172	0.237	0.586	1980
1981	0.092	2.43	0.880	0.561	0.474	0.186	0.134	0.188	0.418	0.888	0.763	0.517	0.578	1981
1982	0.333	0.220	5.13	3.21	0.425	0.991	0.173	0.445	0.508	0.485	1.38	2.80	1.33	1982
1983	0.857	1.59	1.48	1.88	1.52	0.407	0.124	0.152	0.097	0.184	0.542	1.25	0.828	1983
1984	0.388	2.87	1.82	2.24	1.10	0.584	0.184	0.138	0.357	0.119	0.372	0.625	0.884	1984
1985	0.522	2.02	3.85	1.88	0.300	0.188	0.130	0.155	0.132	0.183	3.07	1.03	1.12	1985
1986	0.531	0.607	3.17	1.13	0.704	0.311	0.265	0.243	0.758	1.26	1.19	1.87	0.992	1986
1987	0.888	0.455	2.17	2.83	0.382	0.253	0.220	0.255	0.194	0.174	0.436	1.16	0.788	1987
1988	0.372	0.494	1.18	0.867	0.389	0.078	0.102	0.118	0.180	0.181	0.571	0.424	0.409	1988
MEAN	0.806	1.23	2.80	2.06	0.787	0.352	0.187	0.208	0.239	0.324	0.732	0.980	0.890	MEAN

LOCATION - LAT 43 15 03 N LONG 79 52 10 W DRAINAGE AREA, 82.8 km²
NATURAL FLOW

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	7.93 ON MAR 5	0.042 ON JUL 24	19 500	1966
1967	---	8.43 ON APR 3	0.0858 ON DEC 5	21 900	1967
1968	---	11.3 B ON FEB 2	0.066 ON AUG 4	33 000	1968
1969	---	13.6 B ON JAN 30	0.068 ON AUG 23	27 300	1969
1970	7.05 AT 23:45 EST ON APR 2	5.80 ON APR 3	0.042 ON AUG 28	18 800	1970
1971	14.2 AT 08:55 EST ON APR 2	12.2 ON APR 2	0.027 ON JUL 28 *	22 600	1971
1972	11.0 AT 10:50 EST ON MAR 22	7.65 ON MAR 22	0.076 ON SEP 23	36 700	1972
1973	20.4 AT 12:30 EST ON MAR 14	11.4 B ON MAR 4	0.040 ON AUG 31	41 100	1973
1974	25.8 AT 15:00 EST ON JAN 27	17.0 ON JAN 27	0.057 ON AUG 26	32 600	1974
1975	26.8 AT 19:30 EST ON FEB 24	12.3 ON FEB 24	0.031 ON AUG 2	23 100	1975
1976	19.8 AT 01:00 EST ON MAR 20	17.4 ON MAR 20	0.086 ON SEP 8	38 800	1976
1977	28.1 AT 09:33 EST ON MAR 13	21.4 ON MAR 13	0.040 ON SEP 11	30 200	1977
1978	27.1 AT 19:15 EST ON APR 1	12.8 ON APR 1	0.040 ON AUG 21	31 300	1978
1979	32.8 AT 08:34 EST ON APR 14	24.5 B ON MAR 5	0.083 ON SEP 30	33 300	1979
1980	30.7 AT 14:52 EST ON MAR 21	18.3 ON MAR 21	0.052 ON JUL 18	18 800	1980
1981	---	11.5 B ON FEB 17	0.0548 ON JAN 12	16 200	1981
1982	44.8 AT 21:17 EST ON MAR 31 *	33.0 ON MAR 31 *	0.062 ON AUG 19	41 900	1982
1983	12.1 AT 11:28 EST ON FEB 3	8.81 ON FEB 3	0.051 ON JUL 28	26 100	1983
1984	23.0 B AT 18:25 EST ON FEB 14	18.0 B ON FEB 14	0.053 ON OCT 6	27 300	1984
1985	20.4 AT 20:13 EST ON FEB 24	13.2 ON FEB 24	0.030 ON AUG 4	35 400	1985
1986	16.0 AT 18:11 EST ON MAR 19	12.4 ON MAR 19	0.084 ON SEP 8	31 300	1986
1987	11.0 AT 17:34 EST ON APR 5	8.95 ON APR 5	0.071 ON AUG 23	24 300	1987
1988	---	8.68 ON MAR 28	0.027 ON JUL 13	12 900	1988
				28 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	24.7	20.3	18.8	17.8	19.7	---	1920
1921	17.8	14.7	18.0	287	342	122	76.8	58.8	63.1	182	81.8	51.3	106	1921
1922	47.7	40.0	34.2	233	888	180	112	67.3	25.3	26.9	47.6	38.5	153	1922
1923	30.3	23.8	21.1	72.5	384	119	86.2	60.1	138	86.4	78.4	46.1	81.9	1923
1924	38.8	28.9	28.2	90.0	380	185	88.9	62.9	86.8	39.7	33.7	40.2	86.8	1924
1925	25.8	23.8	24.5	183	388	338	218	127	48.4	84.3	83.1	88.8	124	1925
1926	37.8	26.3	19.8	27.9	386	212	288	103	81.8	101	114	83.0	127	1926
1927	52.8	42.7	51.4	347	557	207	108	72.8	38.7	141	86.3	84.3	147	1927
1928	49.8	42.1	36.3	117	910	431	282	149	327	494	307	116	273	1928
1929	72.1	28.0	43.3	258	477	314	143	81.6	86.2	181	242	76.8	186	1929
1930	35.1	48.5	81.5	112	838	305	208	86.8	84.8	100	74.0	42.8	147	1930
1931	46.8	33.8	51.0	218	427	115	47.4	28.3	43.0	110	214	128	123	1931
1932	72.0	72.2	76.8	88.4	457	103	118	87.4	124	174	188	78.2	137	1932
1933	84.8	84.0	38.7	278	548	197	87.8	52.8	61.0	38.1	49.8	22.8	123	1933
1934	13.8	48.1	47.8	40.2	878	223	70.8	53.5	110	74.8	141	113	136	1934
1935	43.0	50.0	58.0	161	472	204	137	78.1	85.3	148	105	44.2	131	1935
1936	32.0	45.8	41.8	88.5	748	248	77.0	35.8	40.0	45.0	47.0	27.8	122	1936
1937	28.2	43.8	48.3	134	467	102	184	178	81.3	177	150	81.1	140	1937
1938	45.8	54.8	54.8	441	801	422	114	135	52.3	31.2	88.1	48.4	172	1938
1939	43.4	45.3	92.7	72.8	795	298	158	48.8	82.4	124	85.8	37.3	155	1939
1940	44.7	48.2	48.8	87.8	484	351	184	88.3	111	78.2	138	88.8	139	1940
1941	31.5	50.5	54.8	321	831	158	94.5	127	277	387	234	188	208	1941
1942	88.4	74.4	81.5	332	478	110	48.4	36.1	118	218	121	84.0	147	1942
1943	43.8	49.4	52.4	83.8	407	371	185	88.3	48.0	44.8	88.8	40.7	118	1943
1944	38.0	84.3	89.8	87.4	430	148	47.0	77.8	187	188	88.5	81.1	118	1944
1945	82.0	85.1	108	338	244	288	135	48.0	48.3	88.8	135	82.3	130	1945
1946	48.1	84.8	84.7	288	430	248	110	83.3	81.1	88.1	148	107	142	1946
1947	84.8	88.8	87.4	88.7	783	810	182	84.0	83.8	24.0	34.8	28.8	188	1947
1948	24.2	28.2	29.8	220	333	104	83.0	88.8	88.7	82.0	112	81.4	104	1948
1949	83.8	88.8	88.8	184	808	172	88.0	33.8	28.8	30.7	47.8	38.7	108	1949
1950	43.0	48.8	87.8	84.8	731	481	257	70.1	84.1	103	118	87.8	177	1950
1951	82.3	84.7	71.8	881	478	183	118	70.8	70.4	183	243	138	184	1951
1952	88.8	78.3	74.4	270	448	282	177	108	84.8	88.1	108	138	158	1952
1953	88.8	77.8	81.8	208	888	288	132	88.7	133	88.0	78.7	139	171	1953
1954	87.8	72.8	77.8	238	801	280	134	88.8	84.8	271	210	81.8	178	1954
1955	83.8	81.8	88.8	317	284	123	33.8	28.3	23.8	81.4	85.7	83.1	103	1955
1956	83.8	84.1	88.3	72.8	847	323	135	87.8	130	84.1	48.1	42.7	133	1956
1957	44.7	48.0	84.8	288	407	172	188	48.4	72.0	78.8	221	88.8	144	1957
1958	88.8	88.4	74.2	188	182	208	87.8	48.8	88.4	141	182	74.4	117	1958
1959	84.0	48.8	84.3	88.8	483	174	33.8	81.8	88.8	107	138	81.0	114	1959
1960	88.8	81.8	88.0	189	1 180	235	84.8	88.2	70.8	72.8	128	81.2	188	1960
1961	82.3	38.8	48.8	204	488	348	300	132	240	238	173	114	208	1961
1962	71.8	74.1	88.8	110	882	188	84.8	117	240	77.2	88.1	88.0	148	1962
1963	48.8	81.8	88.8	188	381	280	128	88.1	88.1	70.8	88.1	73.8	128	1963
1964	78.7	77.8	48.1	318	889	338	143	78.8	118	222	181	80.2	187	1964
1965	78.4	80.3	82.7	88.8	888	122	78.2	110	173	237	118	78.2	188	1965
1966	78.1	78.8	72.2	218	824	288	77.0	78.0	48.8	288	187	107	184	1966
1967	80.8	83.3	88.8	382	707	281	118	88.0	48.8	82.4	82.0	80.7	172	1967
1968	88.2	83.7	88.3	470	230	373	---	---	---	---	---	---	---	1968
1969	87.0	88.8	84.8	248	888	188	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	302	---	---	---	71.1	88.8	84.8	---	1970
1971	80.2	88.0	84.2	100	837	220	84.8	80.4	83.8	88.2	147	81.7	128	1971
1972	88.1	87.8	88.0	84.8	888	338	188	100	108	143	78.8	48.0	148	1972
1973	81.7	70.8	81.2	388	484	188	148	148	188	118	88.2	88.4	183	1973
1974	83.8	78.4	73.8	88.8	882	287	127	84.8	82.3	180	127	88.4	148	1974
1975	78.8	80.2	41.7	70.4	432	301	47.2	18.2	27.8	40.1	118	83.8	110	1975
1976	48.7	48.4	81.0	41	488	130	77.3	88.8	21.0	25.4	22.8	28.8	128	1976
1977	42.0	38.8	41.2	482	282	82.8	48.0	27.2	128	88.8	148	70.8	120	1977
1978	81.3	48.8	80.8	33.4	887	280	238	70.4	88.8	203	80.8	88.2	188	1978
1979	37.7	40.2	34.4	208	718	384	111	82.3	83.2	218	182	80.8	178	1979
1980	48.8	81.8	83.8	282	388	181	84.1	42.2	84.8	138	84.8	44.7	118	1980
1981	47.1	87.8	82.0	384	478	173	78.8	27.8	28.7	81.8	82.7	48.7	127	1981
1982	43.1	42.7	41.2	108	428	81.1	147	48.2	127	310	188	84.8	138	1982
1983	47.8	38.7	78.8	142	787	478	112	88.8	88.8	188	84.8	87.8	178	1983
1984	88.7	83.3	88.2	320	248	218	302	72.8	38.8	88.7	128	80.3	138	1984
1985	72.3	88.8	81.8	287	471	178	147	87.7	38.8	88.8	117	84.3	138	1985
1986	47.1	48.1	43.0	388	381	85.2	83.2	128	148	217	143	80.8	142	1986
1987	48.8	44.1	81.1	232	114	104	108	87.1	30.8	82.8	88.0	48.4	87.7	1987
1988	48.1	87.7	34.8	288	438	117	88.8	132	88.8	88.3	288	187	148	1988
MEAN	81.8	83.8	87.2	210	811	237	124	74.8	88.8	123	118	72.1	144	MEAN

LOCATION - LAT 48 18 07 N DRAINAGE AREA, 11 800 km²
LONG 82 02 25 W REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	795R ON APR 27	13.7 B ON FEB 1	3 400 000	1921
1922	---	1 670R ON MAY 6	18.7 ON OCT 6	4 830 000	1922
1923	---	848R ON MAY 6	20.8 RB ON MAR 12	2 900 000	1923
1924	---	430R ON APR 29	33.6 ON NOV 4	2 740 000	1924
1925	---	575R ON APR 27	23.2 B ON JAN 30	3 810 000	1925
1926	---	840 ON MAY 13	14.7 B ON APR 10	4 000 000	1926
1927	---	869R ON APR 21	19.6 ON SEP 20	4 640 000	1927
1928	---	1 350 ON MAY 11	34.3 RB ON MAR 12	5 830 000	1928
1929	---	748 ON MAY 24	22.7 RB ON MAR 2	5 230 000	1929
1930	---	1 060 ON MAY 5	28.2 RB ON JAN 14	4 820 000	1930
1931	---	575 ON APR 28	8.61 ON AUG 30	3 870 000	1931
1932	---	881 ON MAY 11	26.0 RB ON FEB 11	4 210 000	1932
1933	---	855 ON APR 24	13.3 ON OCT 8	3 880 000	1933
1934	---	974 ON MAY 6	7.08RB ON JAN 30 *	4 260 000	1934
1935	---	843 ON MAY 11	26.0 RB ON JAN 24	4 140 000	1935
1936	---	1 320 ON MAY 13	24.4 ON AUG 2	5 840 000	1936
1937	---	1 010 ON MAY 3	28.2 B ON JAN 1	4 430 000	1937
1938	---	1 210 ON APR 28	21.0 ON OCT 23	5 420 000	1938
1939	---	1 320 ON MAY 9	21.8 ON AUG 18	4 880 000	1939
1940	---	677 ON JUN 6	26.0 RB ON JAN 17	4 410 000	1940
1941	---	1 120 ON MAY 6	23.5 RB ON JAN 21	5 840 000	1941
1942	---	1 040 ON APR 25	23.8 ON AUG 10	4 820 000	1942
1943	---	739 ON MAY 7	28.0 ON NOV 1	3 740 000	1943
1944	---	818 ON MAY 8	33.7 ON JUL 25	3 780 000	1944
1945	---	547 ON APR 12	25.2 ON AUG 13	4 080 000	1945
1946	---	974 ON MAY 25	37.7 RB ON JAN 24	4 520 000	1946
1947	---	1 490 ON MAY 19	11.6 ON OCT 22	5 230 000	1947
1948	---	827 ON APR 28	20.1 ON SEP 28	3 280 000	1948
1949	---	683 ON MAY 3	18.6 E ON AUG 26	3 400 000	1949
1950	---	1 340 ON MAY 28	38.4 B ON JAN 1	5 800 000	1950
1951	---	929 ON APR 30	49.3 ON AUG 20	5 820 000	1951
1952	---	753 ON APR 24	49.3 ON OCT 15	4 850 000	1952
1953	---	1 030 ON MAY 10	42.8 ON SEP 9	5 400 000	1953
1954	---	1 000 ON MAY 3	48.3 ON SEP 17	5 540 000	1954
1955	---	874 ON APR 23	17.2 ON SEP 13	3 240 000	1955
1956	---	977 ON MAY 16	34.0 ON OCT 25	4 220 000	1956
1957	---	1 230 ON APR 26	33.7 B ON JAN 3	4 580 000	1957
1958	---	422 ON APR 20	31.1 ON AUG 3	3 680 000	1958
1959	---	1 010 ON MAY 7	21.2 ON AUG 15	3 680 000	1959
1960	---	1 810 ON MAY 18 *	38.2 ON AUG 28	5 830 000	1960
1961	784 AT 10:15 EST ON SEP 2	750 ON JUN 28	34.0 RB ON FEB 14	5 650 000	1961
1962	---	1 070 ON MAY 6	38.5 ON JUL 4	4 700 000	1962
1963	---	702 ON JUN 22	47.0 RB ON JAN 2	3 870 000	1963
1964	---	1 140 ON MAY 1	33.1 RB ON APR 3	5 810 000	1964
1965	---	1 040 ON MAY 17	34.3 B ON APR 4	4 880 000	1965
1966	---	711 ON MAY 21	32.8 ON SEP 28	5 180 000	1966
1967	1 270 AT 11:30 EST ON MAY 3 *	1 240 ON MAY 4	36.6 ON SEP 13	5 420 000	1967
1968	---	803 ON APR 25	---	---	1968
1969	885 AT 14:00 EST ON MAY 8	885 ON MAY 8	---	---	1969
1970	---	---	---	---	1970
1971	824 AT 06:00 EST ON MAY 14	818 ON MAY 14	33.1 ON SEP 3	4 380 000	1971
1972	773 AT 15:30 EST ON MAY 8	785 ON MAY 8	38.1 B ON FEB 16	4 880 000	1972
1973	833 AT 13:08 EST ON APR 23	824 ON APR 23	45.8 B ON JAN 1	5 140 000	1973
1974	776 AT 23:00 EST ON MAY 13	785 ON MAY 14	38.5 ON SEP 11	4 700 000	1974
1975	---	660E ON MAY 7	13.4 ON SEP 3	3 480 000	1975
1976	---	1 380 ON APR 21	17.1 ON SEP 3	3 890 000	1976
1977	---	1 190E ON APR 23	13.1 ON AUG 18	3 800 000	1977
1978	1 170 AT 08:12 EST ON MAY 15	1 160 ON MAY 15	23.2 B ON APR 19	4 810 000	1978
1979	---	1 420E ON MAY 12	29.2 B ON MAR 15	5 600 000	1979
1980	---	925E ON APR 30	30.2 ON SEP 18	3 850 000	1980
1981	877 AT 15:40 EST ON MAY 8	868 ON MAY 8	18.1 ON OCT 4	4 010 000	1981
1982	848 AT 12:40 EST ON MAY 4	845 ON MAY 4	24.6 ON SEP 2	4 290 000	1982
1983	1 010 AT 14:38 EST ON JUN 1	1 000 ON JUN 1	34.6 ON SEP 5	5 580 000	1983
1984	---	871 ON JUN 29	31.8 E ON SEP 20	4 270 000	1984
1985	1 230 AT 19:51 EST ON APR 25	1 170 ON APR 25	29.8 ON SEP 26	4 380 000	1985
1986	719 AT 02:16 EST ON APR 30	709 ON APR 30	35.8 ON JUL 19	4 520 000	1986
1987	428 AT 16:57 EST ON APR 19	426 ON APR 19	25.5 ON OCT 1	2 770 000	1987
1988	---	723 ON MAY 3	24.4 B ON MAR 25	4 710 000	1988
				4 580 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

GROUNDHOG RIVER AT NORWOOD LAKE - STATION NO. 04LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	36.1	53.8	37.2	---	---	---	---	---	---	---	---	---	---	1933
1934	10.7	42.3	29.6	18.7	133	11.9	12.6	14.6	9.88	2.06	31.5	35.2	30.0	1934
1935	18.4	29.6	42.1	46.4	83.7	25.0	49.2	19.2	7.44	21.2	18.8	13.0	30.6	1935
1936	25.1	31.3	32.8	30.2	143	33.1	18.1	24.3	14.2	8.18	3.02	8.19	30.8	1936
1937	20.0	30.0	31.4	34.6	72.7	1.63	21.0	38.2	16.6	27.6	31.0	32.7	29.8	1937
1938	28.7	31.1	42.1	118	131	85.3	16.6	22.0	26.6	30.2	34.7	8.51	47.6	1938
1939	22.3	34.3	36.8	34.2	108	99.7	31.2	14.3	19.2	18.4	30.6	7.08	36.4	1939
1940	27.2	30.8	35.2	20.1	20.4	84.6	53.2	9.88	34.6	8.33	32.4	25.8	32.6	1940
1941	8.27	38.5	42.8	78.4	70.1	49.2	47.9	32.2	56.8	101	86.8	88.8	56.9	1941
1942	37.1	61.3	60.8	66.3	71.7	26.6	10.6	19.6	23.6	26.7	33.3	14.2	36.8	1942
1943	26.6	28.6	37.0	30.2	31.8	76.6	26.4	14.6	18.7	16.2	0	4.20	25.2	1943
1944	11.1	35.7	36.3	31.7	40.1	44.2	16.1	13.6	32.1	20.7	22.6	7.84	24.9	1944
1945	26.6	31.8	37.6	38.6	64.8	61.6	28.2	3.84	7.18	11.6	24.4	19.4	29.4	1945
1946	18.8	32.4	37.0	88.0	28.7	54.6	32.2	25.3	1.12	8.10	28.2	32.2	31.3	1946
1947	16.6	36.6	43.6	36.3	164	156	44.0	18.3	36.1	14.6	17.6	14.7	48.9	1947
1948	15.4	15.4	23.7	30.4	19.4	24.6	29.6	10.2	8.44	12.8	18.6	21.1	19.3	1948
1949	29.1	43.1	43.1	17.6	113	82.8	23.6	8.01	2.32	4.88	12.3	14.6	31.1	1949
1950	26.0	36.6	43.6	17.8	95.0	109	44.7	16.0	18.3	1.98	24.6	25.6	38.0	1950
1951	31.0	47.6	63.4	80.1	111	42.0	36.0	36.4	36.1	70.0	81.6	49.3	56.1	1951
1952	36.1	60.2	63.6	36.4	86.6	84.1	56.6	49.3	32.2	16.4	33.6	42.6	48.6	1952
1953	33.1	60.1	62.4	64.4	128	116	67.0	42.2	14.7	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	59.4	51.6	26.7	---	1954
1955	28.2	37.3	44.0	50.0	72.4	42.9	8.41	10.5	5.88	0	0	10.9	25.6	1955
1956	27.6	33.3	41.2	8.01	77.9	102	11.2	26.0	13.9	13.7	19.7	11.7	32.3	1956
1957	24.3	36.8	43.9	27.6	95.1	80.0	45.9	32.7	13.0	21.7	40.1	26.5	40.4	1957
1958	31.3	27.0	50.0	28.6	31.8	43.6	0.471	8.02	1.36	27.0	27.4	21.1	24.9	1958
1959	26.0	26.6	42.3	13.9	81.7	70.3	0	0	0	16.6	26.2	20.6	26.9	1959
1960	30.0	28.6	44.6	26.7	231	74.8	11.2	21.1	16.3	9.86	21.2	25.1	45.4	1960
1961	27.3	29.1	37.6	26.3	46.6	85.4	94.3	31.6	43.7	---	---	---	---	1961
MEAN	24.8	35.6	41.2	39.6	86.9	64.1	29.1	21.3	16.8	21.6	28.1	23.4	35.1	MEAN

LOCATION - LAT 48 07 00 N
LONG 82 16 30 W

DRAINAGE AREA, 3 370 km²
REGULATED

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

GROUNDHOG RIVER AT NORWOOD LAKE - STATION NO. 04LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1933	---	61.2 ON MAR 8	14.4 ON JAN 14	---	1933
1934	---	192 ON MAY 13	0.566 ON JAN 1	948 000	1934
1935	---	120 ON MAY 6	1.13 ON JUN 10	973 000	1935
1936	---	210 ON MAY 17	1.70 ON NOV 12	978 000	1936
1937	---	133 ON JUL 28	1.13 ON JUL 8	843 000	1937
1938	---	269 ON MAY 9	1.98 ON SEP 20	1 500 000	1938
1939	---	222 ON MAY 15	3.40 ON SEP 24	1 150 000	1939
1940	---	161 ON MAY 31	1.70 ON MAY 6	1 030 000	1940
1941	---	178 ON MAY 6	1.98 ON JAN 2	1 730 000	1941
1942	---	183 ON MAY 3	2.27 ON AUG 8	1 [illegible]00 000	1942
1943	---	127 ON JUN 24	0 ON OCT 19 *	825 000	1943
1944	---	128 ON MAY 6	0 ON MAY 12	7[illegible] 000	1944
1945	---	133 ON MAY 30	0 ON APR 9	828 000	1945
1946	---	110 ON MAY 26	0 ON MAY 7	1 [illegible]83 000	1946
1947	---	223 ON MAY 21	0 ON AUG 13	1 540 000	1947
1948	---	78.3 ON MAY 1	0 ON APR 14	610 000	1948
1949	---	215 ON MAY 6	0 ON APR 8	981 000	1949
1950	---	205 ON MAY 31	0 ON APR 19	1 200 000	1950
1951	---	196 ON MAY 7	0 ON JUN 6	1 770 000	1951
1952	---	228 ON JUN 8	0 ON APR 12	1 480 000	1952
1953	---	186 ON MAY 16	0 ON JUN 17	---	1953
1954	---	---	0 ON OCT 1	---	1954
1955	---	142 ON MAY 8	0 ON MAY 28	813 000	1955
1956	---	176 ON MAY 24	0 ON APR 12	1 020 000	1956
1957	---	146 ON JUL 17	0 ON APR 20	1 270 000	1957
1958	---	108 ON MAY 30	0 ON APR 8	785 000	1958
1959	---	116 ON JUN 19	0 ON APR 17	849 000	1959
1960	---	422 ON MAY 8 *	0 ON APR 13	1 430 000	1960
1961	---	142 ON MAY 16	0 ON MAY 2	---	1961

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

1 110 000 MEAN

GULL RIVER AT NORLAND - STATION NO. 02HF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	15.2	7.80	11.3	15.7	17.4	18.5	12.2	14.0	11.7	---	1962
1963	10.4	7.82	7.89	12.3	12.9	14.2	22.1	22.1	20.0	10.2	8.88	7.95	13.1	1963
1964	9.89	10.5	8.76	10.8	20.1	20.2	20.0	18.1	17.1	10.0	8.14	4.28	13.1	1964
1965	8.38	10.1	8.78	25.8	30.3	18.8	18.9	16.4	17.9	28.5	29.9	37.3	20.8	1965
1966	29.8	17.8	16.4	11.2	16.3	23.4	24.3	22.1	18.5	9.89	11.4	40.2	19.8	1966
1967	31.4	20.7	14.8	22.9	16.9	29.3	37.2	23.3	22.5	27.5	52.2	40.2	28.3	1967
1968	31.8	28.8	16.8	15.3	7.81	8.47	13.7	18.4	18.8	14.7	7.33	8.35	15.8	1968
1969	8.85	12.7	10.8	21.8	41.1	26.4	23.4	19.4	22.4	18.7	10.4	14.8	19.3	1969
1970	11.4	9.28	8.98	19.0	15.9	18.8	21.0	19.7	19.9	18.9	21.3	19.5	17.0	1970
1971	18.1	14.4	13.3	29.7	26.3	17.4	18.7	19.1	17.4	16.8	9.45	12.5	17.7	1971
1972	14.1	14.3	10.7	23.2	35.2	20.3	18.7	22.3	17.7	21.2	33.9	31.1	21.7	1972
1973	28.5	28.4	33.2	31.2	33.2	21.5	19.8	19.0	17.8	20.7	11.8	18.9	23.7	1973
1974	20.6	20.4	19.1	31.6	57.8	32.0	14.2	17.3	14.8	30.5	35.4	34.3	28.8	1974
1975	20.6	17.0	20.5	23.9	20.5	14.0	18.8	17.5	13.3	13.5	11.0	13.7	18.9	1975
1976	17.6	18.9	34.3	44.5	20.4	14.9	18.5	20.8	18.3	14.8	14.2	12.4	20.5	1976
1977	11.3	10.5	17.2	16.2	9.45	18.6	12.5	12.6	12.0	11.8	21.7	28.8	15.3	1977
1978	22.0	14.6	8.80	18.4	21.5	13.7	20.2	15.3	18.8	17.1	17.6	20.0	17.4	1978
1979	19.8	18.2	26.1	28.1	38.7	17.8	18.7	18.5	19.5	19.8	27.2	37.8	24.1	1979
1980	27.0	10.3	11.1	48.0	15.4	19.9	28.4	33.4	28.5	23.3	31.3	28.0	25.1	1980
1981	17.0	21.1	17.0	31.5	26.2	17.1	18.4	15.6	20.9	28.0	19.4	15.0	20.3	1981
1982	14.8	13.8	13.0	40.1	17.0	23.9	23.w	18.1	18.3	15.6	32.5	53.4	23.7	1982
1983	37.3	18.4	10.7	16.8	55.6	26.2	21.1	15.7	14.8	11.8	11.2	18.1	21.5	1983
1984	16.3	18.8	30.3	28.0	13.2	16.9	18.7	19.3	25.3	16.0	16.4	22.8	20.1	1984
1985	35.3	21.2	32.0	43.8	33.3	16.8	15.3	16.5	21.6	20.4	28.7	27.1	28.0	1985
1986	18.7	13.6	17.4	20.1	15.3	22.9	22.3	21.5	23.1	38.2	19.4	16.1	20.8	1986
1987	12.9	10.7	11.8	19.6	13.3	12.0	13.0	13.9	12.5	8.72	8.90	12.0	12.3	1987
1988	15.8	14.8	12.0	33.1	24.3	17.4	18.7	13.9	13.4	9.38	14.4	15.0	16.9	1988
MEAN	19.6	18.0	16.8	25.1	23.8	18.7	18.6	18.9	18.4	17.9	19.4	22.2	19.9	MEAN

LOCATION - LAT 44 43 55 N DRAINAGE AREA, 1 280 km²
LONG 78 49 08 W REGULATED

GULL RIVER AT NORLAND - STATION NO. 02HF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	29.4 AT 04:00 EST ON APR 3	29.4 ON APR 3	4.80 ON APR 23	412 000	1963
1964	37.8 AT 11:00 EST ON MAY 26	37.4 ON MAY 26	1.37 ON DEC 22 *	414 000	1964
1965	49.8 AT 14:00 EST ON APR 15	46.2 ON OCT 28	5.35 ON JAN 8	859 000	1965
1966	64.4 AT 10:00 EST ON DEC 10	54.1 ON DEC 10	5.52 ON NOV 2	828 000	1966
1967	80.0 AT 08:00 EST ON NOV 6	58.7 ON NOV 8	11.8 ON MAR 27	891 000	1967
1968	43.0 AT 00:01 EST ON JAN 1	42.8 ON JAN 1	4.25 ON JUN 7	804 000	1968
1969	64.3 AT 08:16 EST ON MAY 24	64.0 ON MAY 24	8.82 ON MAR 18	809 000	1969
1970	38.0 AT 16:48 EST ON APR 25	34.0 ON APR 25	7.70 ON MAR 30	838 000	1970
1971	49.6 AT 12:52 EST ON APR 21	49.0 ON APR 23	7.22 ON NOV 24	859 000	1971
1972	67.5 AT 09:28 EST ON MAY 19	56.6 ON MAY 19	8.27 ON APR 3	887 000	1972
1973	52.7 AT 16:36 EST ON MAR 15	52.1 ON MAR 16	8.30 ON NOV 20	748 000	1973
1974	78.4 AT 11:28 EST ON MAY 17	77.9 ON MAY 17	11.1 ON APR 2	838 000	1974
1975	44.7 AT 11:12 EST ON APR 25	43.0 ON APR 25	9.71 ON NOV 30	533 000	1975
1976	80.7 AT 08:47 EST ON APR 2 *	80.4 ON APR 2 *	8.12 ON MAY 15	848 000	1976
1977	22.3 AT 01:44 EST ON DEC 22	32.0 ON DEC 20	2.42 ON MAY 10	441 000	1977
1978	37.7 AT 12:38 EST ON MAY 18	36.8 ON MAY 19	8.30 ON MAY 8	849 000	1978
1979	65.5 AT 08:31 EST ON MAY 14	54.2 ON MAY 14	12.8 ON JUN 4	759 000	1979
1980	59.5 AT 10:15 EST ON APR 18	58.0 ON APR 18	5.85 ON MAR 17	792 000	1980
1981	64.7 AT 15:41 EST ON FEB 25	54.0 ON FEB 25	10.7 ON MAR 22	638 000	1981
1982	61.4 AT 23:50 EST ON APR 20	51.2 ON APR 21	11.8 ON MAR 8	748 000	1982
1983	70.2 AT 08:51 EST ON MAY 16	59.8 ON MAY 16	7.27 ON APR 28	678 000	1983
1984	42.1 AT 11:43 EST ON DEC 31	41.7 ON APR 6	8.31 ON MAY 2	837 000	1984
1985	55.7 AT 12:42 EST ON APR 23	54.7 ON APR 23	12.0 ON JUN 15	821 000	1985
1986	51.8 AT 16:19 EST ON MAR 31	51.0 ON MAR 31	3.51 ON MAY 5	855 000	1986
1987	45.4 AT 10:38 EST ON APR 7	42.8 ON APR 8	5.96 ON NOV 23	367 000	1987
1988	---	46.7 ON APR 27	8.27 ON OCT 23	934 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		829 000	MEAN

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	1.87	1.45	1.21	0.845	0.857	0.385	0.084	---	1976
1977	0.010	0.006	0.018	1.82	5.87	0.812	1.81	1.82	1.88	1.87	---	---	---	1977
1978	---	---	---	---	---	---	---	---	1.17	2.16	0.805	0.213	---	1978
1979	0.080	0.052	0.046	1.19	5.81	1.30	0.395	0.430	1.44	2.82	1.42	0.804	1.28	1979
1980	0.183	0.089	0.081	0.351	5.07	2.07	1.31	0.830	0.575	2.06	0.999	0.224	1.18	1980
1981	0.082	0.061	0.058	1.16	3.28	2.00	0.838	0.116	0.283	0.410	0.218	0.086	0.889	1981
1982	0.047	0.044	0.048	0.074	5.22	2.26	1.77	0.729	1.18	1.36	1.20	0.370	1.46	1982
1983	0.083	0.033	0.036	0.044	5.29	2.26	0.584	0.183	0.148	2.02	1.71	0.417	1.07	1983
1984	0.056	0.033	0.029	3.33	5.84	4.68	3.16	1.03	0.580	1.58	0.887	0.400	1.87	1984
1985	0.083	0.025	0.019	2.71	5.40	2.41	1.43	2.51	2.31	2.83	1.45	0.289	2.03	1985
1986	0.087	0.054	0.052	2.78	5.85	1.88	8.31	1.13	1.39	2.57	0.889	0.184	1.82	1986
1987	0.108	0.061	0.075	1.70	2.47	1.37	0.821	2.18	1.26	0.813	0.837	0.379	1.02	1987
1988	0.120	0.071	0.062	1.08	5.48	1.87	1.00	1.09	1.53	2.47	2.86	0.760	1.80	1988
MEAN	0.085	0.050	0.048	1.48	5.01	2.08	1.88	1.08	1.11	1.78	1.13	0.331	1.43	MEAN

LOCATION - LAT 51 15 16 N DRAINAGE AREA, 133 km²
LONG 80 39 14 W NATURAL FLOW

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.0218 ON DEC 31	---	1976
1977	---	10.5 B ON APR 25	0.0088 ON FEB 6 *	---	1977
1978	---	---	---	---	1978
1979	---	7.80E ON MAY 10	0.0418 ON MAR 10	40 800	1979
1980	---	10.0 ON MAY 2	0.0558 ON MAR 29	36 700	1980
1981	5.43 AT 15:16 EST ON MAY 6	4.54 ON MAY 8	0.0488 ON DEC 26	22 000	1981
1982	24.3 AT 01:03 EST ON MAY 6 *	22.4 ON MAY 6 *	0.0438 ON FEB 25	46 000	1982
1983	---	11.0 B ON MAY 6	0.0308 ON FEB 27	33 800	1983
1984	20.0 B AT 17:30 EST ON APR 26	19.6 B ON APR 26	0.0278 ON MAR 13	59 100	1984
1985	---	18.5 B ON APR 27	0.0188 ON MAR 15	64 100	1985
1986	19.8 AT 19:12 EST ON JUL 8	19.2 ON JUL 8	0.0508 ON FEB 24	60 600	1986
1987	5.04 AT 15:53 EST ON AUG 4	4.67 ON AUG 4	0.0688 ON MAR 15	32 100	1987
1988	---	15.6 ON MAY 4	0.0508 ON MAR 18	56 900	1988
				45 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.346	0.104	0.136	0.330	0.312	0.372	---	1980
1981	0.092	1.89	0.286	0.230	0.148	0.078	0.145	0.127	0.492	0.353	0.280	0.095	0.322	1981
1982	0.207	0.070	1.87	0.878	0.224	0.758	0.211	0.144	0.184	0.193	0.576	0.571	0.494	1982
1983	0.413	0.886	0.780	0.872	0.594	0.130	0.060	0.089	0.071	0.237	0.426	0.560	0.418	1983
1984	0.095	1.30	0.886	0.993	0.372	0.108	0.062	0.106	0.187	0.095	0.313	0.277	0.391	1984
1985	0.075	1.02	1.34	0.806	0.284	0.107	---	---	---	---	---	---	---	1985
1986	---	---	---	---	0.179	0.216	0.192	0.896	1.26	1.14	0.348	0.676	---	1986
1987	0.239	0.126	1.20	0.684	0.108	0.136	0.116	0.110	0.234	0.180	0.524	0.781	0.371	1987
1988	0.254	0.891	0.877	0.815	0.186	0.190	0.191	0.089	0.146	0.199	0.414	0.333	0.337	1988
MEAN	0.195	0.783	1.03	0.736	0.277	0.215	0.180	0.209	0.340	0.341	0.389	0.486	0.389	MEAN

LOCATION - LAT 43 53 15 N DRAINAGE AREA, 41.6 km^2
LONG 78 49 30 W NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUL 02 1985 TO APR 14 1986

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	10.0 B ON FEB 20	0.027 ON JUL 13	10 100	1981
1982	29.0 AT 20:07 EST ON JUN 10	8.52 ON MAR 31	0.0358 ON FEB 11	15 800	1982
1983	15.8 AT 10:46 EST ON MAR 19	8.05 ON MAR 19	0.018 ON JUL 26	13 200	1983
1984	35.6 AT 05:00 EST ON FEB 14	19.5 ON FEB 14 *	0.0208 ON JAN 12	12 400	1984
1985	13.5 AT 05:22 EST ON MAR 12	10.5 B ON FEB 24	---	---	1985
1986	41.6 AT 02:12 EST ON AUG 27 *	---	---	---	1986
1987	---	8.008 ON MAR 1	0.019 ON JUL 27	11 700	1987
1988	---	4.12 ON MAR 25	0.013 ON AUG 21 *	10 800	1988
				12 300	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.08	4.84	1.19	---	1945
1946	3.95	1.56	13.3	12.0	3.26	1.27	0	0	0	---	---	---	---	1946
1947	---	---	---	---	18.5	5.17	0.819	0.488	0.875	0.556	1.09	1.88	---	1947
1948	0.783	0.556	7.48	24.1	4.87	1.17	0.188	0.120	0	---	---	---	---	1948
MEAN	2.37	1.09	10.4	18.1	8.88	2.87	0.336	0.203	0.325	0.814	3.02	1.69	---	MEAN

LOCATION - LAT 46 40 56 N DRAINAGE AREA, 46.6 km^2
LONG 80 28 08 W REGULATED

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERICD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	27.0 ON MAR 25	---	---	1946
1947	---	---	---	---	1947
1948	---	34.0 ON APR 2 *	---	---	1948
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	1.54	1.86	9.28	25.8	5.78	0.638	0.014	0	0	---	---	3.28	---	1976
1977	2.14	1.64	10.0	16.3	3.02	0.026	0.003	0	1.35	8.78	13.6	10.4	5.78	1977
1978	1.88	0.976	1.12	11.0	11.9	0.936	0.071	0.007	0.278	4.01	2.56	3.48	3.18	1978
1979	2.15	1.26	9.58	22.5	8.98	1.43	0.203	0.373	0.133	1.31	6.98	6.15	5.26	1979
1980	4.15	1.06	2.77	23.5	3.96	2.32	1.98	0.773	0.729	3.61	6.60	3.89	4.59	1980
1981	1.24	4.80	11.1	18.0	5.45	2.22	0.915	0.105	5.78	5.93	2.40	2.52	5.02	1981
1982	0.947	0.181	1.72	20.8	8.64	0.082	0.002	0.001	0.225	3.47	7.20	12.5	4.49	1982
1983	0.86	2.27	7.01	10.1	16.4	5.77	0.060	0.028	0.136	1.34	2.61	6.43	5.12	1983
1984	1.80	0.91	6.78	17.4	8.32	7.17	2.32	0.811	0.170	0.447	9.31	5.40	5.35	1984
1985	5.68	2.81	6.89	26.4	13.1	1.41	0.837	0.308	0.886	0.795	3.85	3.83	5.58	1985
1986	0.845	0.471	4.13	25.5	4.23	3.23	0.388	0.045	0.089	2.19	1.85	2.81	3.78	1986
1987	1.18	0.820	2.98	16.8	1.05	---	---	---	---	---	---	---	---	1987
MEAN	2.78	2.09	6.12	19.7	7.15	2.31	0.619	0.223	0.885	3.21	5.72	5.87	4.82	MEAN

LOCATION - LAT 45 41 15 N DRAINAGE AREA, 35.5 km²
LONG 80 26 22 W NATURAL FLOW

REMARKS - FLOWS INCLUDE SPILL FROM THE MAGNETAWAN RIVER BASIN DURING HIGH WATER CONDITIONS. STATION DISCONTINUED JUN 17 1987

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	49.0E ON APR 3 *	0 ON JUN 22 *	---	1976
1977	---	28.8E ON APR 5	0 ON JUL 22	183 000	1977
1978	22.4 AT 14:48 EST ON APR 29	22.3 ON APR 29	0 ON JUL 6	101 000	1978
1979	30.0 AT 01:09 EST ON APR 5	29.8 ON APR 4	0 ON JUL 15	186 000	1979
1980	38.3 AT 15:42 EST ON APR 16	38.0 ON APR 16	0.096 ON AUG 28	145 000	1980
1981	29.9 AT 10:48 EST ON APR 11	29.7 ON APR 11	0.020 ON AUG 23	158 000	1981
1982	37.4 AT 20:22 EST ON APR 22	37.2 ON APR 22	0 E ON JUL 11	142 000	1982
1983	26.4 AT 13:10 EST ON MAY 9	26.2 ON MAY 9	0.002E ON AUG 17	161 000	1983
1984	---	22.0E ON APR 16	0.020E ON SEP 8	188 000	1984
1985	49.4 AT 11:00 EST ON APR 25 *	48.7 ON APR 25	E.106 ON AUG 24	176 000	1985
1986	42.9 AT 01:51 EST ON APR 7	42.7 ON APR 7	0.029 ON AUG 20	118 000	1986
1987	27.5 AT 14:56 EST ON APR 4	27.4 ON APR 4	---	---	1987
				152 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HAWKROCK RIVER AT GRAVENHURST - STATION NO. 02EB104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	1.31	1.49	0.260	0.026	0.048	0.708	1.68	0.806	---	1969
1970	---	---	---	3.02	0.713	0.213	0.788	0.082	0.125	0.659	1.10	0.789	---	1970
1971	---	---	---	---	0.896	0.302	0.243	0.124	0.103	0.144	0.884	---	---	1971
1972	---	---	---	---	0.678	0.184	0.043	0.136	0.138	0.896	1.00	---	---	1972
1973	---	---	---	1.58	0.805	0.710	0.098	---	0.024	0.585	---	---	---	1973
1974	---	---	---	---	1.15	---	---	0.007	---	1.22	---	---	---	1974
1975	---	---	---	---	---	---	---	0.027	0.462	0.462	1.68	---	---	1975
1976	---	---	---	---	0.358	0.284	---	---	---	---	---	---	---	1976
MEAN	---	---	---	2.29	0.844	0.516	0.288	0.078	0.147	0.701	1.25	0.898	---	MEAN

LOCATION - LAT 44 55 55 N DRAINAGE AREA, 40.7 km² DATA CONTRIBUTED BY -
LONG 79 31 23 W NATURAL FLOW ONTARIO MINISTRY OF THE ENVIRONMENT

HAWKROCK RIVER AT GRAVENHURST - STATION NO. 02EB104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	5.24 ON APR 3 *	0.014 ON JUL 22	---	1973
1974	---	---	---	---	1974
1975	---	---	0.003E ON AUG 1 *	---	1975
1976	---	---	---	---	1976
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02EC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.078	0.106	0.203	0.174	0.103	0.055	0.050	0.028	0.044	0.049	0.124	0.138	0.097	1970
1971	0.084	0.152	0.236	0.167	0.069	0.058	0.022	0.027	0.030	0.033	0.037	0.084	0.082	1971
1972	0.071	0.028	0.481	0.214	0.128	0.084	0.109	0.074	0.086	0.084	0.152	0.231	0.144	1972
1973	0.130	0.088	0.378	0.186	0.135	0.132	0.039	0.041	0.033	0.046	0.090	0.132	0.120	1973
1974	0.180	0.156	0.305	0.241	0.274	0.130	0.075	0.039	0.041	0.045	0.070	0.105	0.139	1974
1975	0.128	0.176	0.250	0.183	0.101	0.128	0.060	0.099	0.172	0.107	0.163	0.214	0.148	1975
1976	0.145	0.387	0.543	0.208	0.175	---	---	---	---	---	---	---	---	1976
MEAN	0.118	0.158	0.342	0.185	0.144	0.089	0.051	0.051	0.084	0.061	0.104	0.147	0.122	MEAN

LOCATION - LAT 42 39 07 N LONG 80 48 14 W DRAINAGE AREA, 10.1 km²
REGULATED

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02EC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	0.651 AT 20:30 EST ON APR 2	0.4538 ON MAR 5	0.018 ON AUG 13	3 050	1970
1971	1.04 AT 00:45 EST ON FEB 28	0.884 ON FEB 27	0.009 ON AUG 7	2 580	1971
1972	2.15 AT 10:00 EST ON MAR 14 *	1.98 ON MAR 14 *	0.0288 ON FEB 8	4 570	1972
1973	1.26 AT 23:27 EST ON MAR 14	1.00 ON MAR 15	0.005 ON JUL 21 *	3 780	1973
1974	1.13 AT 12:09 EST ON MAR 5	0.994 ON MAR 5	0.017 ON JUL 22	4 400	1974
1975	0.823 AT 21:28 EST ON AUG 24	0.648 ON FEB 24	0.018 ON AUG 2	4 680	1975
1976	---	---	---	---	1976
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 840	MEAN

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	0.633	0.521	---	---	1956
1957	---	1.88	0.906	---	0.667	0.934	---	---	0.474	0.223	0.510	1.42	---	1957
1958	0.287	0.521	1.44	0.570	0.314	0.230	0.194	0.263	0.433	0.294	0.526	0.272	0.456	1958
1959	0.390	0.278	3.57	1.48	0.731	0.227	0.100	0.169	0.367	0.382	0.367	0.554	0.720	1959
1960	0.482	1.23	1.58	3.06	2.41	0.526	0.302	0.248	0.227	0.515	0.239	0.226	0.917	1960
1961	0.131	0.626	0.993	0.926	0.806	0.384	0.432	0.330	0.426	0.280	0.388	0.403	0.502	1961
1962	0.288	0.256	2.14	0.600	0.284	0.304	0.354	0.220	0.387	0.678	0.883	0.672	0.603	1962
1963	0.291	0.208	1.80	0.720	0.732	0.284	0.367	0.575	0.324	0.257	0.514	0.248	0.529	1963
1964	0.649	0.274	1.34	0.738	0.404	0.306	1.30	0.748	0.287	0.373	0.355	0.487	0.607	1964
1965	0.374	1.35	1.58	1.61	0.437	0.585	0.457	0.441	0.395	0.822	1.03	0.576	0.808	1965
1966	0.587	0.789	2.06	0.720	0.531	0.382	0.305	0.473	0.384	0.272	0.776	1.06	0.693	1966
1967	0.927	0.857	1.56	2.18	0.782	0.764	0.489	0.434	0.466	0.618	0.768	0.931	0.880	1967
1968	1.01	1.42	2.18	0.691	0.701	0.555	0.349	0.400	0.514	0.360	0.762	0.671	0.800	1968
1969	0.761	0.639	1.21	1.28	0.950	0.588	0.527	0.502	0.441	0.536	0.631	0.563	0.726	1969
1970	0.225	0.156	0.728	1.28	0.636	0.446	0.527	0.360	0.434	0.560	0.641	0.693	0.576	1970
1971	0.617	1.04	1.67	1.39	0.632	0.692	0.540	0.476	0.320	0.558	0.523	1.01	0.786	1971
1972	1.11	0.484	2.26	3.76	0.696	0.646	0.614	0.643	0.635	0.985	1.28	1.76	1.27	1972
1973	1.26	1.34	3.36	1.61	1.33	0.849	0.611	0.943	0.740	1.04	1.16	0.926	1.28	1973
1974	---	---	---	---	---	---	---	---	---	---	0.727	1.19	---	1974
1976	0.644	1.84	2.51	1.39	1.70	1.15	1.68	2.73	1.35	1.21	0.618	0.516	1.45	1976
1977	0.365	1.47	3.51	1.61	0.787	2.47	2.32	2.09	2.68	2.23	2.92	3.92	2.20	1977
1978	1.22	0.341	2.83	2.46	0.711	0.540	0.548	0.903	1.43	0.572	0.884	0.774	1.09	1978
1979	0.682	0.482	1.84	1.28	0.653	0.517	0.418	0.496	0.774	1.25	1.00	1.77	0.934	1979
1980	0.705	0.418	3.69	2.09	0.980	1.22	1.03	0.672	0.785	1.20	0.857	0.968	1.22	1980
1981	0.474	3.06	0.580	0.722	1.16	0.907	0.988	1.25	1.34	1.72	1.23	0.852	1.16	1981
1982	1.13	0.697	3.94	1.69	1.01	1.65	0.822	1.26	1.37	0.695	1.82	1.68	1.47	1982
1983	1.01	1.34	1.66	2.01	1.89	0.788	0.817	1.35	0.906	1.37	2.00	1.71	1.39	1983
1984	0.453	3.23	2.06	2.01	1.65	1.23	1.08	1.13	1.62	0.868	1.28	1.03	1.44	1984
1985	0.533	3.27	2.50	1.42	1.25	0.745	0.738	1.69	0.975	1.00	3.48	0.924	1.53	1985
1986	0.819	0.724	2.27	1.09	1.24	1.09	1.05	3.49	3.45	1.48	0.930	2.02	1.65	1986
1987	0.858	0.851	1.55	1.54	1.03	0.874	1.10	0.671	1.37	0.718	1.51	1.43	1.11	1987
1988	---	---	1.24	1.42	1.07	0.883	1.15	0.890	1.23	1.56	1.43	0.953	---	1988
MEAN	0.653	1.08	2.02	1.50	0.939	0.760	0.718	0.888	0.887	0.804	1.02	1.04	1.03	MEAN

LOCATION - LAT 43 46 42 N LONG 79 11 38 W DRAINAGE AREA, 66.2 km²
NATURAL FLOW

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	4.389 ON FEB 27	0.0888 ON JAN 20	14 400	1958
1959	---	21.0 ON MAR 20	0.028 ON JUL 12 *	22 700	1959
1960	---	20.2 ON MAR 31	0.085 ON NOV 13	28 000	1960
1961	11.4 AT 10:30 EST ON SEP 3	8.16 ON FEB 23	0.0858 ON JAN 21	15 800	1961
1962	25.4 AT 09:00 EST ON NOV 10	11.8 ON NOV 10	0.086 ON AUG 2	19 000	1962
1963	18.8 AT 22:20 EST ON AUG 3	8.50 ON MAR 17	0.1708 ON FEB 23	18 700	1963
1964	31.1 AT 10:30 EST ON JUL 13	14.5 ON JUL 13	0.184 ON JUN 11	19 [illegible]00	1964
1965	36.0 AT 20:00 EST ON FEB 10	17.8 ON FEB 10	0.170 ON JUN 5	25 500	1965
1966	---	12.9 B ON MAR 1	0.180 ON SEP 19	21 800	1966
1967	---	26.6 E ON APR 3	0.1888 ON JAN 11	27 700	1967
1968	27.8 AT 05:40 EST ON SEP 6	13.4 ON FEB 2	0.212E ON AUG 15	25 300	1968
1969	12.8 AT 14:07 EST ON APR 18	6.60 ON APR 18	0.280 ON JUL 20	23 000	1969
1970	21.2 AT 07:57 EST ON APR 20	4.70 ON APR 20	0.1428 ON FEB 4	18 200	1970
1971	31.4 AT 17:50 EST ON JUN 12	7.82 ON APR 2	0.159 ON AUG 20	24 800	1971
1972	32.3 AT 09:20 EST ON APR 13	14.5 ON APR 13	0.288 ON AUG 20	40 300	1972
1973	83.1 AT 15:25 EST ON MAR 11	20.1 ON FEB 2	0.2278 ON DEC 16	40 400	1973
1975	---	---	---	---	1975
1976	---	21.6 E ON AUG 28	0.2418 ON DEC 3	45 700	1976
1977	---	28.4 E ON MAR 13	0.178 ON MAY 30	68 400	1977
1978	---	13.3 ON APR 7	0.113E ON MAY 4	34 400	1978
1979	46.7 AT 17:16 EST ON DEC 26	18.5 ON DEC 26	0.322E ON AUG 22	39 800	1979
1980	---	62.4 A ON MAR 21 *	0.2788 ON FEB 3	38 700	1980
1981	45.5 AT 08:32 EST ON SEP 4	19.0 E ON FEB 11	0.3008 ON JAN 5	36 800	1981
1982	87.0 AT 07:39 EST ON AUG 25	25.6 ON MAR 13	0.2808 ON JAN 25	46 300	1982
1983	53.5 AT 15:55 EST ON AUG 27	16.7 ON MAR 19	0.4008 ON DEC 31	43 700	1983
1984	92.6 AT 07:19 EST ON FEB 14	37.9 ON FEB 14	0.3228 ON JAN 23	45 700	1984
1985	77.4 AT 17:26 EST ON NOV 4	27.9 ON FEB 24	0.360 ON JUL 13	48 200	1985
1986	181 AT 02:54 EST ON AUG 27 *	32.2 ON AUG 27	0.3188 ON JAN 14	51 900	1986
1987	88.8 AT 17:30 EST ON MAY 27	11.7 ON MAY 27	0.3118 ON AUG 26	35 000	1987
1988	---	---	---	---	1988
				32 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HOG CREEK NEAR VICTORIA HARBOUR - STATION NO. 02ED017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.087	0.086	0.173	0.358	0.452	0.358	---	1988
MEAN	---	---	---	---	---	---	0.087	0.086	0.173	0.358	0.452	0.358	---	MEAN

LOCATION - LAT 44 43 33 N, LONG 79 48 46 W. DRAINAGE AREA, 85.2 km^2. NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.705	1.05	1.32	---	1965
1966	0.894	1.15	2.88	1.18	0.888	0.493	0.177	0.278	0.333	0.378	0.883	1.20	0.874	1966
1967	0.807	0.578	2.10	2.88	0.985	2.38	2.15	0.880	0.648	1.38	2.01	1.62	1.54	1967
1968	0.812	1.88	5.00	1.87	1.41	0.712	0.403	0.430	0.388	0.449	0.880	0.678	1.25	1968
1969	1.89	1.08	3.01	3.28	1.80	0.843	0.384	0.459	0.282	0.481	0.814	0.548	1.33	1969
1970	0.581	0.814	1.93	4.07	0.948	0.404	0.484	0.291	0.432	0.534	0.758	0.788	0.982	1970
1971	0.487	0.842	1.73	4.55	0.725	0.382	0.481	0.518	0.436	0.487	0.481	0.938	0.883	1971
1972	0.884	0.526	1.02	6.75	0.880	0.588	0.900	0.478	0.388	0.780	1.01	1.20	1.23	1972
1973	1.96	1.51	4.13	2.84	1.46	0.748	0.405	0.554	0.359	0.527	1.23	0.882	1.36	1973
1974	1.74	1.11	3.08	2.84	2.70	0.735	1.01	0.492	0.404	0.521	1.03	0.837	1.36	1974
1975	0.992	3.51	2.86	3.33	1.42	0.613	0.438	0.438	0.531	0.487	0.858	0.857	1.31	1975
1976	0.589	2.47	4.83	2.21	2.00	0.880	1.06	0.903	0.745	1.01	0.818	0.502	1.51	1976
1977	0.339	0.855	4.14	1.37	0.838	0.542	0.911	1.88	1.24	2.48	2.11	2.29	1.85	1977
1978	1.45	0.895	2.41	7.24	2.32	0.880	0.420	0.815	0.901	0.915	0.904	0.850	1.83	1978
1979	0.893	0.852	5.70	2.78	2.14	0.820	0.410	0.715	0.824	1.22	1.79	2.80	1.87	1979
1980	1.82	0.448	3.41	3.88	1.30	0.782	1.17	0.584	0.778	0.977	1.18	1.84	1.48	1980
1981	0.578	5.00	1.32	1.25	1.47	0.710	0.882	0.820	1.50	1.87	1.85	0.972	1.48	1981
1982	0.808	0.371	4.53	4.47	0.881	1.80	1.15	0.804	1.05	1.18	3.08	3.44	1.95	1982
1983	1.88	1.87	1.98	2.89	2.82	0.851	0.448	0.849	0.529	0.784	1.41	1.21	1.42	1983
1984	0.821	4.32	3.78	2.88	1.72	0.535	0.333	0.481	0.835	0.423	0.780	0.895	1.40	1984
1985	0.428	3.33	3.98	2.83	0.791	[illegible]	0.721	0.852	0.578	0.742	2.02	1.08	1.48	1985
1986	0.832	0.718	3.92	1.43	1.12	[illegible]	0.441	1.73	3.08	1.84	0.888	1.20	1.51	1986
1987	0.845	0.808	3.37	2.70	0.725	0.711	1.48	0.483	0.387	0.472	1.26	1.40 R	1.21 R	1987
1988	0.809	0.770	2.46	1.80	0.880	[illegible]	0.382	0.424	0.839	0.872	1.17	0.412	0.889	1988
MEAN	0.881	1.61	3.18	3.07	1.42	0.738	0.730	0.888	0.738	0.878	1.25	1.22 R	1.36 R	MEAN

LOCATION - LAT 44 06 41 N, LONG 79 39 24 W. DRAINAGE AREA, 181 km^2. NATURAL FLOW

R - REVISED SINCE JAN 01 1987

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	23.28 AT 06:45 EST ON MAR 1	13.50 ON MAR 1	0.119 ON JUL 25	27 600	1966
1967	43.8 AT 19:15 EST ON JUN 12	13.3 ON JUN 13	0.314 ON JUN 5	48 500	1967
1968	24.48 AT 19:00 EST ON FEB 2	13.28 ON FEB 2	0.221 ON SEP 3	39 500	1968
1969	18.2 AT 02:58 EST ON MAR 21	15.0 ON MAR 21	0.085 ON JUL 19	38 800	1969
1970	16.4 AT 02:16 EST ON APR 9	12.0 ON APR 9	0.224 ON AUG 18	30 900	1970
1971	21.4 AT 19:01 EST ON APR 2	15.6 ON APR 2	0.201 ON AUG 8	31 000	1971
1972	37.7 AT 20:29 EST ON APR 13	30.0 ON APR 13	0.142 ON JUN 10	39 000	1972
1973	35.7 AT 16:22 EST ON FEB 2	15.8 ON FEB 2	0.078 ON SEP 28 *	43 700	1973
1974	44.2 AT 02:46 EST ON MAR 5	31.4 ON MAR 5	0.294 ON AUG 26	43 500	1974
1975	47.5 AT 21:32 EST ON FEB 24 *	36.5 ON FEB 24	0.241 ON AUG 21	41 300	1975
1976	34.6 AT 00:12 EST ON MAR 21	22.1 ON MAR 20	0.286 ON NOV 23	47 900	1976
1977	45.9 AT 21:34 EST ON AUG 16	16.9 ON MAR 13	0.2808 ON FEB 21	48 900	1977
1978	36.5 AT 16:53 EST ON APR 1	24.7 ON APR 7	0.362 ON AUG 1	51 400	1978
1979	31.8 AT 22:00 EST ON MAR 4	23.5 ON MAR 5	0.214 ON JUN 23	52 800	1979
1980	29.6 AT 15:49 EST ON MAR 21	21.2 ON MAR 21	0.342 ON JUL 14	46 800	1980
1981	28.0 AT 19:16 EST ON FEB 18	20.3 ON FEB 19	0.330 ON JUL 16	46 800	1981
1982	45.8 AT 22:38 EST ON MAR 31	34.6 ON MAR 31	0.238 ON JUL 15	61 500	1982
1983	20.7 AT 10:25 EST ON FEB 3	14.7 ON FEB 3	0.265 ON OCT 2	44 500	1983
1984	57.1 AT 12:10 EST ON FEB 14	42.3 ON FEB 14 *	0.208 ON AUG 27	44 400	1984
1985	46.9 AT 20:00 EST ON FEB 24	34.08 ON FEB 24	0.201 ON AUG 7	45 100	1985
1986	27.38 AT 15:39 EST ON MAR 19	19.08 ON MAR 19	0.223 ON JUL 13	47 700	1986
1987	26.1 AT 21:34 EST ON MAR 7	16.6 ON APR 6	0.172 ON AUG 29	36 100R	1987
1988	---	12.08 ON MAR 24	0.116 ON JUL 10	26 100	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		43 000R	MEAN

HOLTBY DRAIN AT CONCESSION #7 (KETTLE CONTROL) - STATION NO. 02GC032

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02GC031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD
MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR / YEAR	JAN / JAN	FEB / FEB	MAR / MAR	APR / APR	MAY / MAY	JUN / JUN	JUL / JUL	AUG / AUG	SEP / SEP	OCT / OCT	NOV / NOV	DEC / DEC	MEAN / MEAN	YEAR / YEAR
1988	---	---	---	---	---	---	---	0	0	0.012	0.087	0.020	---	1988
1988	0.424	1.48	1.44	0.581	0.224	0.083	0.090	0.082	0.097	0.423	1.98	0.793	0.632	1988
MEAN	---	---	---	---	---	---	---	0	0	0.012	0.087	0.020	---	MEAN
MEAN	0.424	1.48	1.44	0.581	0.224	0.083	0.090	0.082	0.097	0.423	1.98	0.793	0.632	MEAN

LOCATION - LAT 42 53 00 N DRAINAGE AREA, 3.17 km^2
LOCATION - LAT 42 47 12 N DRAINAGE AREA, 85.4 km^2
LONG 81 07 53 W NATURAL FLOW
LONG 81 18 03 W NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 1987
REMARKS - STATION ACTIVATED JULY, 1988

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02GC031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	13.5 ON NOV 21 *	0.010E ON JUL 7 *	20 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		20 000	MEAN

HORNER CREEK NEAR PRINCETON - STATION NO. 0268008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	5.285	0.419	---	1953
1954	0.536	5.69	5.78	5.42	1.08	0.368	0.183	0.083	0.149	2.38	9.917	1.02	1.93	1954
1955	2.10	0.775	5.41	3.30	0.508	0.228	0.102	0.100	0.175	0.643	1.57	1.64	1.39	1955
1956	0.618	0.641	5.44	5.18	5.09	1.43	1.15	3.57	3.61	1.35	1.25	2.69	2.78	1956
1957	2.29	2.48	3.48	3.64	1.88	0.824	1.81	0.238	0.600	0.717	2.30	4.05	2.05	1957
1958	1.08	0.817	2.78	1.72	0.439	0.257	0.383	0.082	0.532	0.338	0.805	0.614	0.820	1958
1959	0.673	1.29	7.29	6.88	1.83	0.761	0.382	0.176	0.285	1.08	2.17	2.78	2.15	1959
1960	1.43	1.23	2.21	12.8	3.17	1.82	0.582	0.558	0.284	0.261	0.391	0.233	2.03	1960
1961	0.123	4.36	2.37	2.55	1.84	0.677	0.488	0.327	0.269	0.184	0.587	1.03	1.19	1961
1962	0.416	0.308	5.79	2.85	0.724	0.445	0.188	0.322	0.178	0.402	0.912	0.678	1.11	1962
1963	0.334	0.294	5.69	2.37	1.27	0.484	0.248	0.164	0.137	0.107	0.126	0.172	0.858	1963
1964	0.311	0.417	2.87	2.72	1.37	0.329	0.191	0.858	0.374	0.308	0.299	2.41	1.03	1964
1965	2.05	7.82	5.52	9.30	1.43	0.309	0.187	0.188	0.187	0.310	0.922	2.80	2.52	1965
1966	1.02	1.46	3.14	2.05	1.47	0.849	0.183	0.342	0.184	0.328	1.41	4.35	1.40	1966
1967	2.45	1.37	4.21	5.18	1.82	3.08	1.43	1.47	0.774	2.18	2.30	5.22	2.82	1967
1968	0.781	5.92	4.46	2.08	0.817	0.783	0.334	0.276	0.417	0.352	0.585	1.87	1.84	1968
1969	2.05	3.56	5.42	5.77	2.43	0.881	0.260	0.258	0.130	0.112	0.348	0.748	1.80	1969
1970	0.300	0.550	2.98	4.87	1.63	0.372	0.807	0.317	0.275	0.373	0.877	2.34	1.32	1970
1971	1.45	1.25	5.31	5.36	0.905	0.471	0.244	0.184	0.177	0.192	0.234	0.813	1.44	1971
1972	0.904	0.583	5.50	3.76	1.65	1.16	1.17	0.589	0.368	1.05	2.04	1.52	2.10	1972
1973	3.04	2.38	5.57	3.08	1.78	0.645	0.271	0.209	0.161	0.260	1.31	1.83	2.02	1973
1974	3.75	2.62	4.78	3.86	3.30	1.20	0.586	0.286	0.263	0.356	0.807	0.885	1.87	1974
1975	1.72	3.01	4.77	4.62	1.27	1.30	0.545	0.782	0.803	0.514	1.07	1.88	1.85	1975
1976	1.35	6.32	7.46	3.16	2.57	0.586	0.631	1.85	0.638	0.863	1.01	1.05	2.26	1976
1977	0.315	0.275	7.63	3.36	0.888	0.670	0.414	0.384	2.78	3.28	2.07	3.88	2.18	1977
1978	1.55	1.06	3.25	9.09	2.08	0.857	0.210	0.134	0.485	0.810	0.789	1.12	1.74	1978
1979	1.05	0.714	6.26	5.63	2.00	0.717	0.353	0.541	0.417	0.615	2.14	4.00	2.30	1979
1980	2.38	0.770	4.47	4.40	1.75	0.884	0.587	0.435	0.377	0.751	0.714	1.22	1.56	1980
1981	0.378	6.63	2.06	2.23	1.37	0.599	0.276	0.255	0.651	1.58	1.28	0.819	1.48	1981
1982	0.699	0.536	5.23	6.36	1.88	2.34	0.811	0.788	1.66	0.540	3.40	8.55	2.74	1982
1983	2.24	3.03	2.78	3.59	6.42	1.62	0.706	3.16	1.17	1.22	1.80	4.07	2.46	1983
1984	0.686	7.78	4.11	3.50	1.64	1.70	0.787	0.282	0.765	0.498	1.07	2.27	2.07	1984
1985	2.10	4.28	10.0	5.73	0.982	0.956	1.05	1.04	1.23	1.51	5.36	2.56	3.05	1985
1986	2.12	1.42	7.08	2.62	1.91	1.22	0.570	0.388	1.16	3.32	1.53	2.72	2.18	1986
1987	1.44	0.768	4.66	4.02	0.744	0.717	0.620	0.407	0.381	0.702	1.39	3.71	1.85	1987
1988	1.86	1.46	3.86	2.31	1.02	0.284	0.189	0.213	0.190	0.472	1.76	1.15	1.22	1988
MEAN	1.37	2.39	5.01	4.89	1.76	0.892	0.645	0.800	0.851	0.848	1.33	2.13	1.85	MEAN

LOCATION - LAT 43 10 30 N DRAINAGE AREA, 150 km²
LONG 80 33 12 W REGULATED

HORNER CREEK NEAR PRINCETON - STATION NO. 0268008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	50.4 E ON FEB 17	0.057 ON AUG 2	80 800	1954
1955	---	28.9 E ON MAR 12	0 ON JUL 28 *	43 700	1955
1956	---	38.5 E ON MAY 12	0.3688 ON JAN 25	68 100	1956
1957	---	20.5 ON DEC 21	0.142 ON AUG 7	64 500	1957
1958	---	8.88 ON MAR 24	0.028 ON AUG 16	25 900	1958
1959	33.4 ON APR 2	30.8 E ON APR 3	0 ON AUG 5	67 700	1959
1960	54.3 ON MAR 31 *	42.6 ON APR 1	0.023 ON OCT 20	84 100	1960
1961	---	27.5 ON FEB 26	0.068 ON SEP 19	37 800	1961
1962	---	21.8 ON MAR 25	0.008 ON JUL 13	34 800	1962
1963	---	28.2 ON MAR 28	0.068 ON NOV 17	30 200	1963
1964	---	14.2 ON DEC 26	0 ON JUL 30	32 400	1964
1965	---	52.7 B ON FEB 11 *	0.102 ON AUG 27	78 500	1965
1966	---	22.9 ON DEC 6	0 ON JUL 18	44 100	1966
1967	---	28.6 ON DEC 22	0.130 ON JUN 7	82 800	1967
1968	---	39.4 B ON FEB 3	0.007 ON JUL 26	48 800	1968
1969	---	20.1 B ON FEB 1	0.057 ON OCT 14	58 800	1969
1970	---	13.6 ON APR 4	0.215 ON AUG 28	41 800	1970
1971	---	33.7 ON APR 3	0.17[illegible] ON SEP 30	48 600	1971
1972	---	24.1 A ON APR 14	0.22[illegible] ON SEP 7	68 800	1972
1973	30.8 AT 12:06 EST ON MAR 12	24.6 ON MAR 12	0.0[illegible] ON SEP 12	83 800	1973
1974	36.8 AT 19:41 EST ON MAR 6	30.6 ON JAN 28	0.190 ON AUG 20	68 900	1974
1975	34.3 AT 02:16 EST ON APR 20	29.7 ON FEB 25	0.212 ON JUL 11	58 500	1975
1976	31.4 AT 17:42 EST ON MAR 6	20.7 ON MAR 21	0.328 ON SEP 9	72 000	1976
1977	41.1 AT 21:27 EST ON MAR 13	30.9 ON MAR 14	0.150 ON JUL 30	58 600	1977
1978	30.6 AT 16:15 EST ON APR 2	23.1 ON APR 5	0.054 ON JUL 20	54 800	1978
1979	46.7 AT 21:54 EST ON APR 14	38.0 B ON MAR 5	0.104 ON JUL 24	72 400	1979
1980	35.6 AT 07:20 EST ON MAR 22	29.6 ON MAR 22	0.192 ON AUG 28	49 500	1980
1981	30.4 AT 12:00 EST ON FEB 24	30.0 B ON FEB 20	0.066 ON JUL 16	47 000	1981
1982	47.0 AT 06:08 EST ON APR 1	42.5 ON APR 1	0.258 ON JUL 27	58 300	1982
1983	24.3 AT 01:12 EST ON AUG 13	17.8 ON AUG 13	0.102 ON JUL 27	78 300	1983
1984	41.3 AT 17:51 EST ON FEB 16	30.5 ON FEB 16	0.194 ON AUG 27	65 300	1984
1985	---	27.6 B ON FEB 26	0.246 ON AUG 4	58 300	1985
1986	42.58 AT 14:48 EST ON MAR 20	36.5 B ON MAR 20	0.280 ON SEP 9	68 900	1986
1987	22.7 AT 15:10 EST ON APR 6	19.0 ON APR 6	0.246 ON SEP 10	52 200	1987
1988	---	12.2 ON MAR 27	0.018 ON JUL 8	38 800	1988
				58 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NUMBER RIVER ABOVE EAST NUMBER RIVER - STATION NO. 02HC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	1.00	0.826	0.936	1.30	1.54	---	1953
1954	---	---	---	---	1.63	1.59	0.799	1.02	1.15	13.8	2.86	3.90	---	1954
1955	3.23	3.11	10.1	5.89	2.37	2.60	0.916	1.15	1.22	1.43	1.76	1.92	3.09	1955
1956	1.87	0.715	6.86	5.18	5.01	2.26	3.30	4.49	3.07	2.09	2.47	2.73	3.67	1956
1957	2.84	3.87	3.87	---	---	---	---	---	---	---	---	---	---	1957
MEAN	2.48	2.60	6.86	7.47	3.07	2.21	1.87	1.82	1.57	4.58	2.10	2.52	3.33	MEAN

LOCATION - LAT 43 47 30 N DRAINAGE AREA, 300 km²
LONG 79 35 42 W NATURAL FLOW

NUMBER RIVER ABOVE EAST NUMBER RIVER - STATION NO. 02HC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	207 E ON OCT 15 *	---	---	1954
1955	---	46.4E ON MAR 11	0.823 ON OCT 10	97 000	1955
1956	---	58.8E ON AUG 30	0.4619 ON FEB 14 *	113 000	1956
1957	---	35.2E ON FEB 26	---	---	1957
				106 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	1.68	3.05	1.95	---	1962
1963	1.32	1.11	4.28	2.43	3.04	1.54	0.913	1.07	0.881	0.896	1.43	1.22	1.89	1963
1964	1.86	1.35	3.34	3.01	1.73	0.842	1.02	1.24	0.811	0.992	1.02	1.73	1.56	1964
1965	1.44	6.80	3.78	6.72	2.01	0.821	0.844	0.788	0.848	1.46	1.69	2.18	2.41	1965
1966	1.81	1.84	4.82	2.59	2.01	1.66	0.850	0.788	0.838	1.06	1.65	2.03	1.82	1966
1967	1.65	1.61	4.09	4.12	1.97	2.72	2.29	1.63	1.30	2.17	2.53	2.80	2.41	1967
1968	1.50	4.42	7.57	3.19	2.51	1.72	1.26	1.66	1.89	1.82	3.04	2.20	2.73	1968
1969	2.50	2.73	6.46	6.97	3.46	1.88	1.44	1.34	1.02	1.37	2.11	1.60	2.73	1969
1970	1.11	1.78	2.69	5.49	2.32	1.27	1.53	1.16	1.44	1.69	2.03	1.90	2.02	1970
1971	1.55	1.65	2.55	5.89	1.71	1.28	1.26	1.34	1.09	1.11	1.30	2.01	1.69	1971
1972	1.68	1.23	1.90	10.7	2.24	2.02	1.44	1.13	0.955	1.85	2.30	2.31	2.47	1972
1973	3.69	3.09	8.76	4.36	3.34	1.90	1.15	1.47	1.07	1.52	2.65	1.80	2.92	1973
1974	3.19	2.83	6.80	5.37	4.01	1.83	1.16	1.10	1.17	1.31	2.06	1.70	2.71	1974
1975	1.83	3.77	5.13	6.11	2.75	1.39	0.914	1.06	1.24	1.31	1.64	1.36	2.34	1975
1976	1.28	4.45	7.89	3.78	3.20	1.58	1.95	1.85	1.80	2.04	1.71	1.24	2.69	1976
1977	1.10	1.40	6.64	3.06	1.38	1.27	1.26	1.44	2.20	3.85	2.81	3.17	2.45	1977
1978	2.34	7.70	4.18	9.37	3.65	1.32	0.832	1.55	1.05	1.74	1.67	1.92	2.70	1978
1979	2.17	1.44	8.85	5.78	3.74	1.57	1.31	1.40	1.23	1.81	2.80	3.51	2.89	1979
1980	2.06	1.14	5.75	5.95	2.54	1.52	2.54	1.28	1.33	1.73	1.68	2.22	2.57	1980
1981	1.16	7.37	2.47	2.37	2.22	1.42	2.59	1.48	1.84	2.62	3.20	2.41	2.57	1981
1982	1.45	1.22	7.66	7.20	2.05	3.16	1.18	1.54	1.90	1.85	3.77	5.34	3.16	1982
1983	2.84	3.50	3.94	4.68	4.81	1.87	1.12	1.32	1.35	1.70	2.34	1.88	2.57	1983
1984	1.53	8.44	4.88	5.15	2.85	1.73	1.36	1.15	1.85	1.81	2.16	2.51	2.89	1984
1985	1.42	5.02	7.53	6.66	2.08	1.92	1.47	1.68	1.90	1.86	4.05	2.41	3.12	1985
1986	2.17	1.85	5.73	3.14	2.81	1.96	1.81	3.27	6.05	3.57	1.95	2.40	3.14	1986
1987	1.83	1.12	5.85	5.65	1.78	1.49	1.71	1.21	1.48	1.89	2.02	3.00	2.40	1987
1988	1.89	2.41	4.76	3.39	2.04	1.02	0.772	0.838	1.25	1.42	2.07	1.44	1.85	1988
MEAN	1.85	2.88	5.36	5.16	2.62	1.65	1.37	1.36	1.66	1.74	2.26	2.23	2.50	MEAN

LOCATION - LAT 43 48 39 N DRAINAGE AREA, 303 km²
LONG 79 37 38 W NATURAL FLOW

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	34.0B AT 19:15 EST ON MAR 25	21.7B ON MAR 26	0.731 ON JUN 29	53 300	1963
1964	18.5 AT 12:00 EST ON DEC 25	11.3B ON MAR 5	0.578 ON JUL 1	49 500	1964
1965	---	70.6B ON FEB 11 *	0.490 ON JUN 28 *	76 100	1965
1966	14.0 AT 04:00 EST ON JAN 1	10.7 ON JAN 1	0.827 ON JUL 20	57 500	1966
1967	30.0 AT 05:30 EST ON APR 3	19.5 ON APR 3	0.8128 ON JAN 17	76 100	1967
1968	32.0B AT 05:40 EST ON MAR 19	27.2B ON FEB 3	0.824 ON AUG 15	86 300	1968
1969	33.1 AT 10:40 EST ON MAR 21	27.5 ON MAR 21	0.878 ON SEP 15	88 100	1969
1970	14.8 AT 09:24 EST ON APR 9	13.6 ON APR 9	0.765B ON JAN 29	83 700	1970
1971	22.1B AT 20:56 EST ON APR 2	18.7B ON APR 2	0.731 ON AUG 9	59 700	1971
1972	43.0 AT 01:05 EST ON APR 14	36.5 ON APR 14	0.798 ON SEP 1	78 000	1972
1973	30.3 AT 18:00 EST ON MAR 11	21.0 ON MAR 12	0.765B ON DEC 25	92 100	1973
1974	---	45.9B ON MAR 5	0.872 ON AUG 20	85 400	1974
1975	45.5 AT 08:47 EST ON APR 19	37.4 ON APR 19	0.675 ON JUL 1	73 800	1975
1976	47.9 AT 03:09 EST ON MAR 21	36.5 ON MAR 21	0.588 ON NOV 30	65 100	1976
1977	30.9 AT 21:42 EST ON MAR 10	22.5 ON MAR 13	0.603 ON JUL 29	77 500	1977
1978	34.8 AT 20:59 EST ON APR 1	23.1 ON APR 1	0.538E ON JUL 6	85 100	1978
1979	29.1B AT 15:05 EST ON MAR 5	28.0B ON MAR 5	0.611 ON JUL 23	94 200	1979
1980	49.1 AT 17:00 EST ON MAR 21	29.1 ON MAR 21	0.640B ON JAN 10	81 300	1980
1981	---	34.0B ON FEB 19	0.670 ON JUL 26	81 100	1981
1982	52.5 AT 22:38 EST ON MAR 31	37.5 ON MAR 31	0.687 ON AUG 18	100 000	1982
1983	30.4 AT 15:30 EST ON FEB 3	16.0B ON FEB 3	0.765 ON JUL 27	61 100	1983
1984	---	50.0B ON FEB 15	0.838 ON AUG 18	91 500	1984
1985	---	29.0B ON FEB 25	0.881 ON AUG 4	98 400	1985
1986	56.5B AT 16:25 EST ON MAR 19 *	25.1B ON MAR 19	1.00 ON JUL 11	98 900	1986
1987	29.5B AT 06:30 EST ON MAR 9	21.5 ON APR 5	0.810B ON FEB 26	75 600	1987
1988	---	14.1B ON MAR 26	0.582 ON JUL 15	61 800	1988
				78 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT WESTON - STATION NO. 02HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	7.57	3.92	---	---	1945
1946	---	---	22.7	2.88	2.82	2.11	1.34	1.10	1.10	1.63	1.93	1.67	---	1946
1947	---	---	18.4	21.4	6.18	10.6	7.42	2.81	1.85	1.98	2.97	3.34	---	1947
1948	---	---	39.5	6.55	4.91	1.73	2.75	1.40	2.55	2.23	4.08	2.30	---	1948
1949	8.78	12.6	18.6	7.29	1.33	0.884	1.50	1.02	0.907	1.80	1.41	10.4	5.38	1949
1950	16.1	2.83	20.3	28.0	1.82	1.58	1.67	1.40	1.23	1.04	0.959	2.48	5.10	1950
1951	5.28	11.1	19.0	35.5	2.04	2.25	2.74	1.55	1.61	1.93	4.46	2.22	7.42	1951
1952	5.54	5.39	13.9	17.2	3.08	1.81	1.66	1.50	1.34	1.20	1.64	1.59	4.62	1952
1953	3.11	6.13	11.0	3.80	7.95	6.15	1.95	1.21	0.788	1.17	1.19	1.66	3.83	1953
1954	2.24	18.4	21.4	12.2	1.74	2.87	1.77	1.14	1.40	59.2	9.76	12.3	11.9	1954
1955	12.2	12.4	26.1	13.4	3.88	2.75	1.37	1.22	1.62	2.45	3.20	2.83	8.89	1955
1956	2.33	1.12	23.7	20.1	14.6	5.23	11.5	---	---	2.97	3.11	6.56	---	1956
1957	8.47	10.4	10.5	8.84	4.08	5.14	2.48	1.42	1.84	1.84	2.24	4.61	4.88	1957
1958	2.08	4.04	8.69	3.89	1.82	1.16	1.12	0.814	1.41	1.28	1.68	1.46	2.57	1958
1959	1.82	1.82	7.88	18.2	3.37	1.78	1.20	1.15	1.35	2.07	2.43	3.13	3.81	1959
1960	3.08	4.78	10.4	28.8	17.9	4.08	2.88	1.78	1.34	1.74	2.43	1.89	8.44	1960
1961	0.943	4.37	9.14	6.83	5.06	2.83	2.88	1.61	1.88	1.38	1.88	1.87	3.50	1961
1962	1.37	1.80	18.8	4.83	1.83	1.13	1.00	0.986	1.18	2.01	5.22	3.26	3.70	1962
1963	1.67	1.17	8.39	3.82	6.57	2.28	1.31	1.31	1.20	1.18	1.66	1.59	2.72	1963
1964	3.37	1.98	10.7	6.88	2.78	1.14	1.43	1.98	1.09	1.18	1.46	2.80	3.02	1964
1965	2.83	17.3	10.3	16.3	3.15	1.15	1.18	0.975	1.22	2.32	4.11	5.35	5.57	1965
1966	4.56	5.89	15.3	4.18	3.57	2.62	0.938	1.04	1.18	1.43	2.78	5.07	4.05	1966
1967	3.73	3.28	13.2	13.2	3.45	7.56	5.99	2.38	2.08	4.05	5.48	5.10	6.05	1967
1968	1.67	10.9	27.7	6.28	4.62	2.51	1.63	2.56	2.85	2.52	5.01	7.50	6.39	1968
1969	7.07	6.41	19.6	17.7	5.50	2.65	2.10	1.67	1.19	1.86	3.38	1.89	6.26	1969
1970	1.83	2.95	11.0	14.4	5.37	1.75	2.29	1.66	2.15	2.42	3.50	4.58	4.43	1970
1971	2.76	4.35	11.1	16.4	2.95	1.85	2.64	2.49	1.85	1.71	1.84	3.81	4.85	1971
1972	3.08	2.21	8.76	38.0	3.65	3.01	2.07	1.68	1.44	2.86	4.44	5.41	6.37	1972
1973	9.15	6.52	26.8	12.1	5.65	3.25	1.94	2.30	1.89	2.22	5.22	3.45	6.61	1973
1974	9.86	6.10	20.6	13.1	13.3	3.46	2.01	1.85	1.90	1.86	3.20	2.46	6.66	1974
1975	3.85	14.4	12.3	13.6	4.61	2.31	1.78	2.06	2.33	2.25	3.58	2.82	5.26	1975
1976	1.86	13.0	22.6	9.37	7.86	3.17	3.85	3.40	2.62	3.12	2.89	1.42	6.27	1976
1977	0.828	3.40	21.3	6.86	2.34	2.06	2.98	2.86	6.12	10.1	6.61	9.22	6.40	1977
1978	4.52	2.84	15.3	29.9	9.19	2.82	1.46	2.54	4.31	3.26	3.45	3.04	6.95	1978
1979	4.57	2.78	32.9	19.4	8.62	3.04	2.34	2.89	2.33	3.85	6.09	13.9	8.70	1979
1980	5.66	1.56	17.6	17.0	5.51	3.15	5.80	2.41	2.24	3.23	3.10	5.36	6.07	1980
1981	1.85	20.5	4.80	4.22	4.52	2.46	3.62	2.85	4.64	6.82	7.92	4.51	6.65	1981
1982	4.66	2.86	29.5	16.1	3.17	9.27	2.67	3.44	6.06	3.75	9.87	17.5	8.13	1982
1983	7.89	10.0	11.1	14.3	12.8	3.34	1.57	2.25	2.05	3.98	4.78	4.29	6.43	1983
1984	2.23	23.0	16.9	12.6	8.04	3.30	2.36	1.94	3.04	2.30	4.29	5.90	6.93	1984
1985	3.06	16.9	29.2	17.6	6.06	3.26	2.88	6.76	3.82	3.26	16.5	8.53	8.24	1985
1986	5.35	3.66	18.0	8.60	8.52	3.61	4.58	12.7	29.0	11.4	4.82	8.80	8.67	1986
1987	4.26	2.32	19.2	16.1	3.81	2.63	3.23	1.88	2.78	2.71	5.40	8.10	6.98	1987
1988	4.26	3.57	12.6	7.90	3.90	1.62	1.62	1.38	2.38	2.53	3.81	3.64	4.00	1988
MEAN	4.26	7.17	17.4	13.9	5.33	3.06	2.64	2.17	2.72	4.18	4.13	4.88	5.82	MEAN

LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km^2
REGULATED

HUMBER RIVER AT WESTON - STATION NO. 02HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	137 ON MAR 9	0.366 ON JUL 14	---	1946
1947	---	151 ON JUN 2	0.991 ON JUN 28	---	1947
1948	244 ON MAR 20	218 ON MAR 20	0.386 ON SEP 18	---	1948
1949	---	137 ON MAR 23	0.396 ON JUL 3	169 000	1949
1950	---	206 ON APR 4	0.850 ON JUN 1	192 000	1950
1951	---	127 ON APR 12	0.850 ON JAN 14	234 000	1951
1952	141 ON MAR 11	88.1 ON APR 13	0.850 ON MAY 9	146 000	1952
1953	178 ON MAR 4	129 ON MAR 4	0.255 ON JUL 16 *	121 000	1953
1954	---	838 E ON OCT 16 *	0.821 ON JUL 26	373 000	1954
1955	---	137 E ON MAR 2	0.481 ON AUG 1	217 000	1955
1956	---	---	---	---	1956
1957	---	79.3E ON FEB 26	0.863 ON OCT 16	154 000	1957
1958	25.2B AT 14:00 EST ON FEB 28	20.2B ON FEB 28	0.708 ON AUG 5	61 000	1958
1959	109 AT 23:00 EST ON APR 1	86.4 ON APR 2	0.785 ON AUG 4	123 000	1959
1960	138 AT 23:45 EST ON MAY 9	112 ON MAR 31	1.08 ON SEP 14	204 000	1960
1961	64.1 AT 01:00 EST ON MAR 25	29.7 ON MAR 25	0.595B ON JAN 21	110 000	1961
1962	125 AT 22:00 EST ON NOV 10	59.7 ON NOV 11	0.606 ON JUL 8	117 000	1962
1963	68.3 AT 15:00 EST ON MAR 27	62.9 ON MAR 27	0.806 ON JUN 27	85 800	1963
1964	105 AT 14:30 EST ON MAR 5	80.6 ON MAR 5	0.798A ON JUN 28	95 600	1964
1965	261 AT 03:00 EST ON FEB 11 *	204 ON FEB 11	0.634 ON AUG 25	176 000	1965
1966	74.8 AT 22:45 EST ON MAR 5	49.8 ON MAR 5	0.674 ON JUL 24	128 000	1966
1967	110 AT 12:15 EST ON APR 3	75.0 ON APR 3	1.31 ON SEP 18	181 000	1967
1968	87.7 AT 23:30 EST ON FEB 2	71.4 ON MAR 19	0.960 ON AUG 15	202 000	1968
1969	108 AT 22:30 EST ON APR 18	85.8 ON MAR 21	0.974 ON SEP 5	197 000	1969
1970	41.8 AT 04:10 EST ON APR 4	33.1 ON APR 4	0.520B ON JAN 25	140 000	1970
1971	87.1 AT 13:45 EST ON APR 2	81.8 ON APR 2	0.812 ON AUG 9	147 000	1971
1972	179 AT 02:51 EST ON APR 14	143 ON APR 13	0.915 ON JUL 31	202 000	1972
1973	130 AT 00:20 EST ON MAR 12	88.9 ON MAR 12	0.877 ON SEP 10	215 000	1973
1974	183 AT 09:45 EST ON MAR 5	163 ON MAR 5	1.18 ON AUG 21	210 000	1974
1975	190 AT 07:30 EST ON FEB 25	155 ON FEB 25	1.29 ON JUL 3	185 000	1975
1976	169 AT 01:38 EST ON MAR 21	133 ON MAR 21	0.908B ON DEC 31	196 000	1976
1977	81.0 AT 03:10 EST ON OCT 2	73.6 ON MAR 13	0.853 ON JUL 28	202 000	1977
1978	123 AT 02:25 EST ON APR 2	87.2 ON APR 7	1.18 ON JUL 17	215 000	1978
1979	145 AT 17:30 EST ON DEC 25	123 ON DEC 25	1.61 ON AUG 16	276 000	1979
1980	168 AT 23:41 EST ON MAR 21	105 ON MAR 21	1.17 B ON MAR 3	192 000	1980
1981	115 AT 05:41 EST ON FEB 19	97.0 ON FEB 19	1.19 ON JUL 26	176 000	1981
1982	130 AT 04:18 EST ON APR 1	107 ON APR 1	1.44 ON AUG 18	286 000	1982
1983	101 AT 03:48 EST ON MAY 3	72.8 ON MAY 3	0.971 ON JUL 27	203 000	1983
1984	---	120 B ON FEB 14	1.07 ON AUG 18	219 000	1984
1985	166 AT 01:29 EST ON FEB 25	137 ON FEB 25	1.18 ON AUG 5	291 000	1985
1986	246 AT 14:15 EST ON SEP 11	171 ON SEP 11	1.25 ON JUL 11	302 000	1986
1987	110 AT 19:15 EST ON MAR 9	91.8 ON MAR 8	1.13 ON AUG 25	188 000	1987
1988	---	46.4 ON APR 4	0.784 ON JUL 10	126 000	1988
				187 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	0.72	1.26	2.52	2.64	3.68	---	1956
1957	3.63	6.35	7.39	7.04	3.46	3.67	1.75	1.10	1.47	1.67	2.01	3.37	3.55	1957
1958	1.80	2.66	6.33	3.53	1.73	1.15	1.12	0.821	1.73	1.20	1.46	1.24	2.03	1958
1959	1.54	1.71	6.80	12.4	2.65	1.47	1.12	1.08	1.28	1.72	2.10	2.38	3.03	1959
1960	2.27	2.68	6.28	17.2	12.2	3.26	2.08	1.81	1.13	1.51	1.98	1.45	4.46	1960
1961	0.924	2.50	6.74	5.57	3.73	2.38	2.25	1.32	1.41	1.31	1.88	1.92	2.70	1961
1962	1.23	1.60	9.05	5.18	---	---	---	---	---	---	---	---	---	1962
MEAN	1.93	3.02	7.12	8.49	4.75	2.38	1.66	2.13	1.63	1.66	2.03	2.34	3.16	MEAN

LOCATION - LAT 43 47 07 N LONG 79 35 25 W DRAINAGE AREA 455 km^2 NATURAL FLOW

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	52.4 ON FEB 27	0.878 ON AUG 6	112 000	1957
1958	---	10.3 ON MAR 27	0.765 ON AUG 16	64 200	1958
1959	59.4 ON APR 2 *	51.5 ON APR 2	0.561 ON AUG 3	85 700	1959
1960	---	55.9B ON MAR 31 *	0.834 ON SEP 11	142 000	1960
1961	21.4 ON MAR 24	17.3 ON MAR 28	0.595B ON JAN 21 *	85 100	1961
1962	---	---	---	---	1962
				89 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	3.14	2.76	2.85	2.08	1.38	0.760	0.850	1.33	0.878	1.35	1.73	---	1957
1958	1.03	0.716	1.89	2.38	0.850	0.710	0.594	0.488	0.865	0.675	0.861	0.882	0.962	1958
1959	0.878	0.921	3.98	5.22	1.48	0.581	0.632	0.468	0.573	0.856	1.10	1.10	1.47	1959
1960	0.959	1.18	1.22	5.45	3.79	1.58	1.14	0.805	0.708	0.903	1.24	0.887	1.85	1960
1961	0.586	1.06	2.47	2.50	1.85	1.10	1.38	0.870	0.782	0.856	0.928	0.780	1.21	1961
1962	0.781	0.630	2.81	1.87	0.587	0.532	0.440	0.388	e.840	1.87	1.87	1.13	1.12	1962
1963	0.887	0.805	2.51	1.74	1.80	0.828	0.457	0.847	0.457	0.487	0.869	0.706	1.01	1963
1964	1.14	0.786	1.93	2.15	1.01	0.550	0.824	0.688	0.506	0.818	0.724	1.26	1.02	1964
1965	1.13	4.71	2.34	5.38	1.23	0.489	0.493	0.487	0.584	0.885	1.19	1.43	1.87	1965
1966	1.08	1.29	2.50	1.46	1.26	1.05	0.402	0.631	0.535	0.882	1.10	1.18	1.08	1966
1967	1.26	0.882	2.49	2.34	1.05	1.71	1.05	1.07	0.783	1.31	1.45	1.86	1.44	1967
1968	0.914	3.10	5.73	1.92	1.53	1.01	0.722	1.02	1.18	1.11	1.85	1.40	* .4	1968
1969	2.37	1.53	3.10	4.27	2.10	1.27	1.06	0.881	0.711	1.01	1.51	1.49	1.77	1969
1970	0.839	0.895	1.28	3.53	1.49	0.770	0.920	0.785	0.906	1.05	1.34	1.10	1.27	1970
1971	1.03	1.07	1.60	3.52	1.13	0.811	0.787	0.936	0.684	0.758	0.889	1.13	1.23	1971
1972	1.08	0.809	1.31	4.98	1.50	1.51	0.947	0.802	0.685	1.27	1.37	1.52	1.48	1972
1973	2.34	1.70	3.89	2.40	2.14	1.21	0.742	0.983	0.896	1.12	1.74	1.21	1.68	1973
1974	2.06	1.73	4.10	3.16	2.19	1.15	0.736	0.710	0.688	0.884	1.37	0.878	1.84	1974
1975	0.975	2.03	2.36	3.47	1.58	0.856	0.587	0.649	0.736	0.788	0.884	0.876	1.31	1975
1976	0.800	2.37	4.62	2.31	1.86	0.934	1.04	0.787	0.949	1.26	0.932	0.812	1.55	1976
1977	0.805	0.948	4.58	1.90	0.885	0.740	0.503	0.888	1.35	2.15	1.71	2.02	1.57	1977
1978	1.58	1.06	1.71	4.91	2.55	1.09	0.806	0.885	1.22	1.04	1.26	1.28	1.80	1978
1979	1.85	1.11	5.82	4.20	2.00	1.02	0.877	0.873	0.901	1.39	1.88	2.41	2.04	1979
1980	1.50	0.727	5.25	3.63	1.84	1.33	2.00	0.835	0.885	1.27	1.14	1.44	1.81	1980
1981	0.835	6.82	1.78	1.85	1.41	1.04	2.00	1.25	---	---	---	---	---	1981
MEAN	1.18	1.87	2.87	3.16	1.83	1.00	0.878	0.786	0.793	1.04	1.26	1.31	1.45	MEAN

LOCATION - LAT 43 55 42 N DRAINAGE AREA, 169 km²
LONG 79 48 57 W REGULATED

REMARKS - REPLACED BY STATION NO. 02HC047, NUMBER RIVER NEAR PALGRAVE.

NUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	24.9 B ON FEB 28	0.453 ON JUL 19	---	1957
1958	---	3.77 ON MAR 30	0.386 ON AUG 18	30 400	1958
1959	---	18.4 B ON APR 5	0.388 ON JUL 29	46 300	1959
1960	---	12.5 ON MAY 10	0.530 ON SEP 11	52 200	1960
1961	---	13.3 ON MAR 28	0.436 ON JUL 13	38 300	1961
1962	---	15.4 ON MAR 30	0.246 ON JUL 18	35 400	1962
1963	---	15.0 ON MAR 26	0.156 ON SEP 23 *	31 700	1963
1964	---	6.71 ON APR 6	0.303 ON JUL 24	32 200	1964
1965	85.0 B AT 19:00 EST ON FEB 10 *	45.8 B ON FEB 10 *	0.336 ON JUN 27	52 600	1965
1966	8.89 AT 14:00 EST ON JUN 14	5.665 ON MAR 5	0.333 ON JUL 23	34 400	1966
1967	10.5 AT 04:00 EST ON JUN 11	6.67 ON APR 3	0.521 ON SEP 13	45 800	1967
1968	38.5 B AT 23:30 EST ON MAR 20	28.8 B ON MAR 19	0.462 ON AUG 15	55 800	1968
1969	15.7 AT 17:52 EST ON APR 16	12.2 ON MAR 21	0.581 ON SEP 16	55 000	1969
1970	9.85 AT 03:01 EST ON APR 9	8.47 ON APR 9	0.527 ON AUG 10	40 100	1970
1971	8.61 AT 21:45 EST ON APR 13	8.36 ON APR 13	0.478 ON AUG 9	38 900	1971
1972	22.8 AT 01:05 EST ON APR 14	18.9 ON APR 14	0.585 ON AUG 23	46 800	1972
1973	12.2 AT 00:00 EST ON MAR 12	10.0 ON MAR 12	0.513 ON SEP 8	53 000	1973
1974	---	25.5 B ON MAR 5	0.536 ON AUG 19	51 800	1974
1975	---	25.9 ON APR 10	0.343 ON JUL 1	41 200	1975
1976	28.6 AT 03:32 EST ON MAR 21	23.7 ON MAR 21	0.386 ON AUG 26	48 200	1976
1977	21.7 AT 08:50 EST ON MAR 13	13.1 ON MAR 13	0.376 ON JUL 26	46 800	1977
1978	13.8 AT 17:43 EST ON APR 1	10.2 ON APR 7	0.493 ON AUG 1	50 400	1978
1979	22.0 B AT 11:10 EST ON MAR 14	20.0 B ON MAR 5	0.831 ON JUN 20	64 200	1979
1980	---	42.0 B ON MAR 21	0.570E ON SEP 11	57 300	1980
1981	38.7 AT 04:13 EST ON FEB 18	36.6 ON FEB 18	0.620 ON JUL 25	---	1981
				45 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.869	1.66	1.21	1.40	1.69	1.84	1.41	---	1981
1982	1.03	0.704	2.67	4.33	1.45	2.05	0.831	1.20	1.81	1.25	2.40	3.26	1.80	1982
1983	1.51	1.64	2.27	2.71	2.63	1.24	0.831	0.986	0.980	1.23	1.62	1.55	1.61	1983
1984	0.920	2.78	2.48	3.31	1.69	1.18	0.881	0.655	1.18	1.15	1.65	1.71	1.66	1984
1985	0.869	2.80	3.40	3.82	1.52	1.36	1.07	1.13	1.32	1.16	2.16	1.61	1.84	1985
1986	1.25	1.14	3.28	1.83	1.58	1.16	0.942	1.36	2.33	1.68	1.47	1.51	1.65	1986
1987	1.40	1.28	3.01	3.01	1.30	1.06	1.19	0.845	0.980	1.16	1.27	1.80	1.53	1987
1988	1.39	1.56	2.80	2.02	1.32	0.865	0.819	0.862	0.878	0.863	1.41	1.04	1.24	1988
MEAN	1.21	1.73	2.80	3.01	1.67	1.22	1.02	1.02	1.32	1.30	1.73	1.73	1.63	MEAN

LOCATION - LAT 43 55 57 N DRAINAGE AREA, 117 km²
LONG 79 48 45 W REGULATED

REMARKS - REPLACES STATION NO. 02HC012, NUMBER RIVER NEAR CEDAR MILLS

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.[illegible] ON JUL 25	---	1981
1982	24.6 AT 21:52 EST ON MAR 31 *	16.8 ON MAR 31	0.[illegible]308 ON FEB 28	80 000	1982
1983	11.0 AT 14:55 EST ON FEB 3	9.008 ON FEB 3	0.644 ON SEP 12	50 900	1983
1984	---	9.008 ON FEB 14	0.[illegible] ON AUG 12	52 600	1984
1985	---	18.5 B ON FEB 25 *	0.854 ON JUL 31	58 100	1985
1986	16.5B AT 18:13 EST ON MAR 19	10.7 B ON MAR 19	0.808E ON JUL 10	52 000	1986
1987	10.8 AT 20:03 EST ON APR 6	10.8 ON APR 6	0.598 ON AUG 1	46 200	1987
1988	---	9.04 ON MAR 24	0.340 ON JUL 11 *	39 300	1988
	B ICE CONDITIONS E ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		51 600	MEAN

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.518	0.585	1.96	---	1971
1972	1.70	0.947	1.07	12.2	7.71	1.62	1.41	1.47	0.510	1.24	3.43	3.25	3.04	1972
1973	3.08	3.23	10.3	9.50	3.46	1.01	0.513	0.514	0.503	0.451	0.443	2.40	2.95	1973
1974	1.40	1.39	5.23	9.95	7.17	1.80	0.697	0.521	0.404	0.445	0.824	1.20	2.75	1974
1975	1.43	0.996	2.52	9.81	3.59	0.880	0.454	0.374	0.369	0.306	0.457	0.913	1.85	1975
1976	1.23	1.48	6.31	11.4	4.25	2.06	1.68	0.608	0.957	2.51	1.82	0.735	2.92	1976
1977	0.595	[illegible]722	8.87	6.50	1.55	0.423	0.406	0.278	0.518	3.53	2.03	3.26	2.12	1977
1978	3.62	[illegible]89	2.32	14.9	4.07	0.699	0.417	0.367	0.613	0.413	0.374	0.268	2.55	1978
1979	0.288	0.233	3.62	8.69	3.31	0.958	0.221	0.302	0.336	0.814	1.84	3.06	1.95	1979
1980	2.57	0.767	4.76	6.40	3.70	0.732	0.343	0.333	0.563	0.531	0.705	1.19	1.89	1980
1981	0.810	5.42	4.84	2.86	1.85	1.78	0.718	0.379	3.41	3.11	4.02	2.17	2.89	1981
1982	0.841	0.972	1.88	11.1	2.85	1.34	0.381	0.314	0.758	0.387	0.800	3.23	2.05	1982
1983	2.93	1.68	4.22	7.20	6.88	1.25	0.337	0.256	0.260	0.378	1.02	2.39	2.41	1983
1984	1.01	2.15	2.93	15.8	5.68	1.60	0.358	0.459	0.471	0.427	0.492	0.816	2.63	1984
1985	0.971	1.24	5.06	9.28	2.26	0.814	0.428	0.265	0.268	0.322	0.440	0.484	1.81	1985
1986	0.749	0.794	2.48	4.48	5.34	1.94	0.886	0.951	1.80	2.87	2.24	1.28	2.17	1986
1987	1.70	0.604	3.81	9.14	1.63	1.52	0.592	0.228	0.250	0.246	0.953	2.77	1.95	1987
1988	1.81	1.36	2.88	7.16	2.85	0.382	0.301	0.257	0.213	0.268	0.588	0.882	1.58	1988
MEAN	1.58	1.62	4.16	9.20	4.01	1.21	0.597	0.463	0.712	0.998	1.26	1.76	2.30	MEAN

LOCATION - LAT 45 10 44 N DRAINAGE AREA, 203 km^2
LONG 75 10 30 W REGULATED

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	30.3 AT 23:05 EST ON APR 21	25.8 ON APR 21	0.438 ON SEP 18	96 200	1972
1973	27.7 AT 01:05 EST ON MAR 18	24.9 ON MAR 18	0.334 ON OCT 25	93 000	1973
1974	22.3 AT 19:21 EST ON APR 4	19.3 ON APR 16	0.376 ON SEP 30	80 600	1974
1975	32.8 AT 16:14 EST ON APR 19	24.6 ON APR 19	0.244A ON OCT 31	58 200	1975
1976	40.6 AT 13:19 EST ON APR 1 *	35.8 ON APR 1 *	0.376 ON SEP 8	92 400	1976
1977	17.7 AT 18:36 EST ON MAR 14	17.0 ON MAR 14	0.180 ON SEP 8	68 800	1977
1978	30.9 AT 02:03 EST ON APR 14	28.9 ON APR 21	0.195B ON DEC 30	80 400	1978
1979	18.6 AT 02:06 EST ON APR 3	17.2 ON APR 3	0.170 ON JUL 7	61 800	1979
1980	38.9 AT 00:07 EST ON MAR 22	25.6 ON MAR 22	0.226 ON JUL 16	59 800	1980
1981	30.4 AT 05:02 EST ON FEB 24	28.3 ON FEB 24	0.281 ON JUL 17	84 800	1981
1982	29.2 AT 05:53 EST ON APR 21	25.7 ON APR 21	0.244 ON AUG 22	84 500	1982
1983	14.5 AT 18:34 EST ON MAY 8	12.6 ON MAY 8	0.236 ON SEP 3	75 800	1983
1984	32.2 AT 01:49 EST ON APR 17	28.6 ON APR 17	0.240 ON JUL 9	83 000	1984
1985	16.6 AT 18:58 EST ON APR 6	15.0 ON APR 6	0.238A ON AUG 23	57 100	1985
1986	28.3 AT 10:40 EST ON MAY 23	22.6 ON MAY 23	0.278B ON JAN 19	68 300	1986
1987	30.0 AT 07:07 EST ON APR 5	27.6 ON APR 5	0.088 ON AUG 21 *	61 800	1987
1988	---	14.1 ON APR 4	0.112 ON OCT 6	50 100	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		72 600	MEAN

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.52	1.56	2.93	18.1	15.3	6.37	3.08	1.50	0.698	1.70	3.36	2.84	4.98	1969
1970	0.813	1.11	1.36	17.1	10.7	3.32	2.82	0.693	0.702	1.44	2.36	2.45	3.73	1970
1971	1.36	1.36	2.15	22.5	10.4	3.33	1.24	0.653	0.481	0.388	0.847	2.20	3.80	1971
1972	0.988	0.768	0.671	15.0	17.5	8.46	4.66	4.41	2.63	5.98	11.5	5.41	6.63	1972
1973	4.06	3.02	10.9	28.7	10.4	9.32	3.60	1.74	1.31	1.84	2.76	3.35	6.80	1973
1974	2.08	2.22	4.02	26.8	18.8	6.43	2.07	1.39	0.862	1.18	4.19	3.23	6.02	1974
1975	2.64	1.76	3.38	17.9	8.77	2.45	0.884	0.469	0.507	0.740	0.928	1.81	3.91	1975
1976	1.28	1.52	11.2	22.4	9.04	3.88	5.42	1.70	1.79	1.05	2.86	1.87	5.41	1976
1977	1.43	1.20	8.85	13.9	4.02	1.24	0.657	0.448	0.687	2.00	4.24	5.47	3.88	1977
1978	3.46	2.34	1.82	23.0	12.5	3.11	0.851	0.848	0.643	0.895	1.14	1.14	4.30	1978
1979	1.27	1.20	5.54	20.7	11.6	3.92	1.39	0.799	1.17	2.28	3.36	3.50	4.73	1979
1980	1.74	0.853	4.86	18.0	7.45	4.02	5.72	3.24	1.81	5.04	5.25	4.02	5.00	1980
1981	2.01	10.7	11.2	11.1	7.29	3.20	1.47	1.02	4.24	4.30	3.52	3.27	5.24	1981
1982	1.86	1.57	2.58	19.5	6.14	3.93	1.13	0.428	0.848	0.955	2.09	5.19	3.85	1982
1983	3.50	2.43	7.02	17.1	20.7	4.47	1.20 R	0.743	0.815	1.27	3.33	5.53R	5.63R	1983
1984	2.57	3.92	4.51	28.7	11.1	4.32	2.20	0.904	0.578	0.776	2.29	2.28	5.39	1984
1985	1.83	---	---	---	---	---	---	---	---	---	---	---	---	1985
MEAN	2.03	2.35	5.19	20.0	11.4	4.48	2.39 R	1.31	1.24	2.03	3.42	3.20	4.92R	MEAN

LOCATION - LAT 45 47 07 N LONG 77 08 18 W
DRAINAGE AREA, 443 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - DISCONTINUED FEB 01 1985

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	32.6 ON MAY 20	0.119 ON NOV 28 *	157 000	1969
1970	37.1B AT 17:15 EST ON APR 17	33.1 ON APR 19	0.379 ON SEP 13	118 000	1970
1971	41.6 AT 00:01 EST ON APR 24	40.6B ON APR 23	0.263 ON AUG 9	123 000	1971
1972	51.5 AT 19:40 EST ON MAY 2	50.1 ON MAY 2	0.767B ON FEB 9	210 000	1972
1973	80.7 AT 18:55 EST ON APR 3 *	76.7 ON APR 3 *	0.937 ON OCT 2	215 000	1973
1974	---	51.0B ON APR 16	0.871 ON SEP 19	190 000	1974
1975	---	43.3 ON APR 21	0.323 ON AUG 21	111 000	1975
1976	---	61.7B ON APR 3	0.651 ON SEP 17	171 000	1976
1977	31.1 AT 23:37 EST ON MAR 31	28.7 ON APR 1	0.249 ON SEP 11	115 000	1977
1978	---	52.4 ON APR 22	0.389 ON AUG 15	136 000	1978
1979	---	25.8E ON APR 26	0.263E ON SEP 13	149 000	1979
1980	30.2 AT 00:11 EST ON APR 11	28.5 ON APR 11	0.695B ON MAR 3	158 000	1980
1981	---	38.6B ON FEB 25	0.537 ON AUG 26	165 000	1981
1982	45.7 AT 03:14 EST ON APR 18	44.4 ON APR 19	0.329E ON AUG 19	121 000	1982
1983	71.1 AT 11:35 EST ON MAY 8	67.9R ON MAY 8	0.304E ON SEP 4	174 000R	1983
1984	---	54.0B ON APR 7	0.488E ON SEP 24	171 000	1984
1985	---	---	---	6 420	1985
				146 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	0.043	---	0.748	0.324	---	1913
1914	0.887	1.17	5.62	2.50	0.267	0.030	0.028	0.026	0.058	0.044	0.519	0.483	0.946	1914
1915	0.855	2.56	5.36	4.89	0.841	0.248	0.776	8.76	5.47	2.44	1.48	0.418	2.86	1915
1916	10.7	1.40	8.42	15.8	2.43	8.02	0.174	0.048	---	---	---	---	---	1916
MEAN	4.06	1.71	6.43	7.78	1.12	2.10	0.328	2.28	1.88	1.24	0.906	0.406	1.80	MEAN

LOCATION - LAT 43 42 51 N LONG 80 26 38 W
DRAINAGE AREA, 174 km²
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	25.5 ON MAR 16	0 ON MAR 8 *	29 800	1914
1915	---	55.2 ON AUG 13	0.057 ON JUN 28	54 000	1915
1916	---	97.1 ON JAN 28 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		56 900	MEAN

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	---	1962
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1963
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1964
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1965
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1966
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1967
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1968
1969	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1969
1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1970
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1971
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1972
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1973
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1974
1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1975
1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1976
1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977
1978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1978
1979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1979
1980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1980
1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1981
1982	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1982
1983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1983
1984	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1984
1985	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1985
1986	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1986
1987	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1987
1988	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1988
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN

LOCATION - LAT 44 18 10 N DRAINAGE AREA, 110 km²
LONG 78 18 14 W NATURAL FLOW

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1962	---	---	---	---	1962
1963	---	14.7 ON APR 1	0.028E ON FEB 21	17 800	1963
1964	---	12.2 E ON APR 8	0.017 ON SEP 19	23 600	1964
1965	---	18.3 ON APR 13	0.033 ON AUG 24	42 500	1965
1966	---	14.8 ON DEC 11	0.108 ON AUG 8	29 300	1966
1967	---	28.6 ON MAR 31	0.085 ON SEP 28	53 000	1967
1968	---	27.2 B ON MAR 25	0.027 ON AUG 13	39 200	1968
1969	---	34.8 ON APR 1 *	0.074 ON SEP 21	49 400	1969
1970	10.5 AT 19:00 EST ON APR 11	9.86 ON APR 12	0.048 ON AUG 28	22 000	1970
1971	16.2 AT 19:47 EST ON APR 14	15.9 ON APR 14	0.040 ON AUG 18	26 300	1971
1972	16.0 AT 04:28 EST ON APR 19	17.5 ON APR 19	0.093 ON SEP 20	37 900	1972
1973	18.8 AT 16:56 EST ON MAR 17	13.6 ON APR 3	0.076 ON SEP 16	44 100	1973
1974	15.8 AT 16:48 EST ON JUL 27	13.8 ON APR 5	0.102 ON SEP 22	35 600	1974
1975	14.2 AT 00:57 EST ON APR 19	11.2 B ON MAR 23	0.062 ON AUG 20	31 800	1975
1976	17.8B AT 18:00 EST ON MAR 25	17.0 ON MAR 25	0.091 ON OCT 5	36 700	1976
1977	15.5 AT 17:25 EST ON MAR 14	14.8 ON MAR 14	0.071 ON SEP 12	27 300	1977
1978	14.2 AT 18:41 EST ON APR 11	13.4 ON APR 13	0.082 ON AUG 14	37 500	1978
1979	13.2 AT 18:00 EST ON MAR 25	13.1 ON MAR 25	0.050 ON OCT 1	34 600	1979
1980	27.3 AT 20:02 EST ON MAR 21 *	21.7 B ON MAR 22	0.082 ON AUG 26	37 600	1980
1981	24.3 AT 14:00 EST ON FEB 23	22.1 ON FEB 23	0.081 ON AUG 28	37 100	1981
1982	17.1 AT 18:41 EST ON APR 3	15.2 ON APR 3	0.099 ON SEP 12	46 100	1982
1983	15.8 AT 15:08 EST ON JUL 1	4.52 ON MAR 21	0.072E ON SEP 15	38 800	1983
1984	12.0 AT 15:16 EST ON APR 7	11.8 ON APR 7	0.184 ON JUN 15	42 900	1984
1985	15.9 AT 06:02 EST ON SEP 6	8.19 ON FEB 27	0.087 ON AUG 2	45 300	1985
1986	---	11.5 B ON MAR 20	0.078 ON JUL 10	37 400	1986
1987	---	8.40 ON APR 6	0.018 ON AUG 1	27 100	1987
1988	---	10.2 ON MAR 27	0.004 ON AUG 21 *	24 000	1988
				35 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.336	0.497	0.887	43.3	7.27	0.986	0.232	0.117	0.086	3.14	8.41	5.93	5.98	1970
1971	3.24	1.70	4.18	52.8	10.7	0.874	0.167	0.113	0.158	0.149	0.279	3.40	8.42	1971
1972	2.24	0.934	1.09	50.2	10.8	2.30	5.57	5.61	0.806	5.44	12.5	8.71	8.70	1972
1973	8.98	7.58	44.3	19.7	7.97	3.01	0.483	0.313	0.772	1.13	4.20	5.72	8.53	1973
1974	6.04	5.11	16.7	34.5	12.4	2.16	0.900	0.310	0.051	0.079	1.11	2.86	8.85	1974
1975	4.06	1.36	11.8	35.5	3.97	0.840	0.182	0.083	0.115	0.500	2.82	5.78	5.54	1975
1976	1.10	2.16	30.8	32.8	11.9	3.08	2.06	0.811	1.30	4.78	4.26	1.05	8.01	1976
1977	0.429	0.412	31.3	17.4	2.19	0.230	0.083	0.103	0.088	2.97	5.06	7.84	5.72	1977
1978	10.5	6.92	5.09	48.0	4.38	0.670	0.105	0.086	0.064	0.087	0.194	0.285	5.38	1978
1979	0.569	0.509	25.9	19.1	5.14	1.11	0.127	0.111	0.251	1.94	5.21	10.5	5.91	1979
1980	3.72	0.243	20.3	20.8	5.78	0.853	0.242	0.158	0.602	2.53	4.85	4.80	5.41	1980
1981	1.08	28.8	7.84	5.81	5.97	7.66	3.13	1.49	12.5	13.5	10.8	3.07	8.26	1981
1982	1.47	0.786	4.45	30.3	3.76	1.83	0.420	0.250	0.506	0.857	3.87	10.9	5.71	1982
1983	4.52	2.21	16.2	23.2	16.5	2.28	0.184	0.047	0.040	0.495	11.8	6.92	7.23	1983
1984	2.72	10.7	8.24	43.3	10.2	2.38	0.230	0.338	0.115	0.145	0.871	2.21	6.71	1984
1985	2.32	2.24	26.7	20.4	2.84	0.534	0.072	0.028	0.025	0.137	1.28	1.98	4.87	1985
1986	1.55	0.908	11.8	10.9	13.2	3.74	4.98	5.76	11.5	15.7	8.49	8.17	7.78	1986
1987	3.19	1.71	19.8	20.8	2.90	3.62	5.19	1.32	0.946	2.45	5.63	14.3	8.84	1987
1988	2.53	4.49	12.0	17.5	4.88	0.393	0.411	0.171	0.103	1.59	8.32	2.03	4.68	1988
MEAN	3.08	4.17	15.7	29.3	7.49	1.98	1.29	0.869	1.81	2.98	5.22	5.53	5.80	MEAN

LOCATION - LAT 45 15 00 N DRAINAGE AREA, 559 km²
LONG 75 47 28 W NATURAL FLOW

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	125 AT 22:40 EST ON APR 14	121 ON APR 14	0.057 ON AUG 27	189 000	1970
1971	116 AT 23:30 EST ON APR 19	112 ON APR 19	0.045 ON AUG 13	203 000	1971
1972	---	136 B ON APR 19	0.413 ON SEP 25	275 000	1972
1973	---	119 B ON MAR 16	0.085 ON SEP 3	270 000	1973
1974	---	79.38 ON MAR 8	0.031 ON SEP 25	216 000	1974
1975	123 AT 05:55 EST ON APR 20	122 ON APR 20	0.034 ON AUG 12	175 000	1975
1976	140 AT 18:06 EST ON APR 1	137 ON APR 1 *	0.212 ON AUG 7	253 000	1976
1977	---	117 B ON MAR 15	0.031 ON SEP 11	180 000	1977
1978	146 B AT 22:00 EST ON APR 14 *	133 B ON APR 14	0.031 ON AUG 18	201 000	1978
1979	---	114 B ON MAR 25	0.031 ON JUL 23	188 000	1979
1980	---	103 B ON MAR 22	0.060 ON AUG 26	171 000	1980
1981	111 B AT 09:50 EST ON FEB 24	106 B ON FEB 24	0.612 ON AUG 30	260 000	1981
1982	---	75.58 ON APR 1	0.072 ON AUG 22	180 000	1982
1983	---	69.88 ON MAR 20	0.014E ON SEP 6	226 000	1983
1984	120 AT 12:27 EST ON APR 6	116 ON APR 6	0.048 ON SEP 21	212 000	1984
1985	---	59.19 ON MAR 15	0.012 ON SEP 13 *	153 000	1985
1986	85.0 AT 17:00 EST ON MAY 23	82.0 ON MAY 24	0.508E ON MAR 3	246 000	1986
1987	80.9 AT 20:20 EST ON MAR 26	79.2 ON MAR 26	0.23E ON SEP 7	216 000	1987
1988	---	63.1 ON MAR 27	0.060 ON SEP 29	145 000	1988
				208 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	1.29	0.428	0.784	1.00	0.388	1.48	2.11	1.27	0.315	---	1958
1959	0.316	0.267	0.721	8.21	1.07	0.826	0.766	0.787	1.79	3.88	2.34	1.04	1.83	1959
1960	0.478	0.436	0.694	8.35	4.54	2.30	2.14	0.588	0.589	0.871	1.78	0.827	2.02	1960
1961	0.267	0.226	1.21	2.52	0.916	1.64	1.68	0.838	2.71	0.923	1.46	0.894	1.26	1961
1962	0.439	0.303	2.46	3.20	1.44	0.387	0.222	0.376	0.386	0.720	0.608	0.585	0.944	1962
1963	0.316	0.272	3.29	8.52	1.06	0.437	0.443	0.763	0.515	0.268	1.09	0.245	1.13	1963
1964	0.241	0.455	1.32	5.15	1.16	0.778	0.426	0.306	1.48	1.41	1.09	0.801	1.20	1964
1965	0.304	0.648	0.886	6.17	0.750	0.326	0.420	1.54	3.17	1.51	1.84	1.32	1.61	1965
1966	1.31	1.77	2.80	2.56	0.694	0.433	0.250	0.383	0.388	1.28	4.02	2.24	1.50	1966
1967	0.764	0.423	1.54	8.36	2.11	1.16	0.233	0.950	0.660	1.45	2.07	1.80	1.78	1967
1968	1.07	0.963	4.58	2.64	0.871	1.32	1.13	1.14	2.61	0.784	0.468	1.05	1.54	1968
1969	0.932	0.858	1.80	4.86	1.28	1.33	0.553	0.574	0.406	1.98	3.27	0.369	1.61	1969
1970	0.337	0.534	0.424	5.09	1.56	2.77	1.60	0.591	3.55	2.06	1.63	1.88	1.63	1970
1971	0.785	0.776	0.558	6.83	1.52	0.575	0.529	0.494	0.623	1.74	2.00	3.86	1.72	1971
1972	1.28	0.432	1.18	8.48	1.34	0.518	0.450	1.65	1.30	---	---	---	---	1972
1973	---	0.323	4.59	1.12	1.85	0.911	0.692	2.12	0.290	0.956	1.21	0.951	---	1973
1974	0.384	0.351	0.881	3.35	1.23	1.71	0.438	0.418	0.695	1.47	3.28	0.331	1.21	1974
1975	0.522	0.226	0.330	5.85	0.878	0.380	0.221	0.200	0.248	0.508	1.37	0.884	0.889	1975
1976	0.125	0.137	3.87	4.57	1.76	0.380	0.261	0.354	0.914	0.784	0.402	0.189	1.14	1976
1977	0.189	0.222	5.84	3.24	0.308	0.178	0.521	0.717	2.91	1.89	1.91	0.856	1.58	1977
1978	0.403	0.326	0.433	8.54	1.43	0.244	0.278	1.17	1.85	2.84	0.705	0.269	1.34	1978
1979	0.231	0.272	4.01	8.30	1.56	0.395	0.382	0.335	0.395	1.56	2.00	0.794	1.66	1979
1980	0.585	0.256	1.19	8.42	1.32	0.340	0.288	0.392	1.10	1.37	0.774	0.338	1.19	1980
1981	0.174	2.26	1.87	3.73	0.761	0.746	0.406	0.346	2.25	1.82	0.708	0.331	1.27	1981
1982	0.162	0.176	0.761	5.84	0.825	0.441	0.168	0.175	0.897	1.91	1.98	2.07	1.26	1982
1983	0.588	0.164	2.31	3.65	2.57	0.773	0.180	0.487	0.784	1.98	0.911	0.398	1.24	1983
1984	0.210	1.84	1.26	2.30	1.01	2.18	0.428	0.573	1.04	1.22	2.21	1.29	1.27	1984
1985	0.341	0.266	1.38	7.35	0.813	0.270	0.765	0.436	0.360	0.885	1.56	0.327	1.22	1985
1986	0.228	0.217	1.76	4.51	0.757	0.512	0.765	0.520	0.504	1.21	0.740	0.268	1.02	1986
1987	0.265	0.237	2.38	1.59	0.849	0.338	0.176	0.149	0.197	0.314	0.420	0.817	0.841	1987
1988	0.204	0.235	1.07	8.41	1.28	0.275	0.150	0.724	0.842	2.34	2.83	0.881	1.40	1988
MEAN	0.467	0.522	1.80	5.01	1.28	0.842	0.585	0.857	1.19	1.46	1.59	0.913	1.37	MEAN

LOCATION - LAT 46 28 30 N DRAINAGE AREA, 89.1 km²
LONG 80 59 45 W REGULATED SINCE 1971

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	16.5 ON SEP 6	---	---	1958
1959	23.5 AT 23:45 EST ON OCT 24	17.2 ON APR 15	0.2278 ON FEB 20	57 700	1959
1960	31.4 AT 09:00 EST ON APR 17	22.3 ON APR 15	0.258 ON AUG 31	64 000	1960
1961	20.8 AT 13:00 EST ON SEP 14	11.7 ON SEP 14	0.176RB ON FEB 15	39 600	1961
1962	15.3 AT 21:00 EST ON MAR 29	13.3 ON MAR 30	0.178 ON JUL 15	29 800	1962
1963	37.8 AT 18:00 EST ON MAR 30 *	28.7 ON MAR 31 *	0.125RB ON DEC 21	35 800	1963
1964	26.1 AT 22:00 EST ON APR 13	23.6 ON APR 14	0.1368 ON JAN 1	38 000	1964
1965	27.4 AT 05:00 EST ON APR 12	19.1 ON APR 12	0.142RB ON JAN 17	50 800	1965
1966	15.8 AT 14:00 EST ON MAR 23	12.2 ON MAR 24	0.181 ON JUL 17	47 400	1966
1967	31.7 AT 15:00 EST ON APR 2	28.6 ON APR 2	0.138 ON JUL 22	55 500	1967
1968	14.0 AT 18:30 EST ON MAR 28	12.5 ON MAR 29	0.235B ON FEB 24	48 800	1968
1969	17.9 AT 21:00 EST ON APR 10	16.5 ON APR 10	0.159 ON JUL 27	47 800	1969
1970	32.0 AT 11:00 EST ON SEP 24	18.9 ON JUN 2	0.227B ON MAR 20	57 700	1970
1971	28.2 AT 21:56 EST ON DEC 10	19.0 B ON APR 14	0.190 ON JUL 19	54 200	1971
1972	32.6 AT 17:30 EST ON APR 20	25.3 ON APR 20	---	---	1972
1973	---	12.0 E ON MAR 14	0.178 ON SEP 13	---	1973
1974	34.5 AT 16:27 EST ON AUG 18	20.5 ON NOV 1	0.105 ON AUG 12	36 100	1974
1975	24.7 AT 08:48 EST ON APR 19	23.1 ON APR 19	0.086 ON SEP 3	30 200	1975
1976	20.6 AT 22:47 EST ON MAR 30	18.7 ON MAR 31	0.099 ON SEP 8	36 300	1976
1977	21.4 AT 19:02 EST ON MAR 29	20.0 ON MAR 30	0.082 ON JUL 23	48 200	1977
1978	17.4 AT 21:52 EST ON AUG 23	15.2 ON APR 19	0.113 ON JUL 4	42 300	1978
1979	21.7 AT 16:10 EST ON APR 14	20.3 ON APR 14	0.136 ON AUG 16	53 000	1979
1980	20.6 AT 01:36 EST ON APR 9	18.3 ON APR 9	0.153 ON JUL 10	37 700	1980
1981	18.5 AT 01:41 EST ON SEP 10	10.6 B ON FEB 24	0.096 ON AUG 22	40 100	1981
1982	15.1 AT 09:06 EST ON OCT 7	11.4 ON APR 17	0.068 ON JUL 25	39 100	1982
1983	10.7 AT 16:32 EST ON APR 29	9.75 ON APR 15	0.060 ON JUL 30 *	39 100	1983
1984	13.5 AT 21:03 EST ON AUG 22	8.28 ON SEP 13	0.081 ON JUL 28	40 100	1984
1985	17.7 AT 01:56 EST ON JUL 14	16.4 ON APR 22	0.138 ON JUL 1	38 600	1985
1986	20.8 AT 17:16 EST ON MAR 30	15.7 ON APR 2	0.141 ON SEP 1	32 000	1986
1987	9.26 AT 02:13 EST ON MAR 30	8.50 ON MAR 26	0.071 ON AUG 28	20 200	1987
1988	---	19.3 ON APR 4	0.073 ON AUG 4	44 200	1988
				43 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	1.08	1.45	7.12	5.36	1.63	1.29	1.48	1.81	5.00	4.37	3.86	3.02	3.13	1977
1978	2.09	1.48	2.13	10.9	5.05	1.19	1.24	1.92	3.11	5.47	2.65	1.69	3.33	1978
1979	1.64	1.51	6.83	17.5	6.79	---	1.14	1.19	1.49	2.26	3.91	---	---	1979
1980	2.73	1.34	2.67	11.0	4.85	1.67	1.36	1.81	2.88	3.78	2.59	1.58	3.15	1980
1981	1.04	5.12	4.73	9.35	2.49	2.05	1.78	1.09	4.16	3.88	2.00	2.15	3.28	1981
1982	1.53	1.20	2.80	14.6	2.47	1.14	0.468	0.659	2.33	3.80	3.34	4.85	3.27	1982
1983	3.17	2.28	6.40	8.34	5.98	2.91	1.38	1.84	2.11	4.21	2.37	1.82	3.56	1983
1984	1.03	4.32	3.74	5.61	2.53	4.87	2.22	1.90	2.85	2.77	5.01	3.85	3.37	1984
1985	1.86	1.64	4.38	16.8	4.62	1.45	2.21	1.48	1.32	2.29	3.70	2.04	3.64	1985
1986	2.50	2.46	5.22	9.87	2.09	1.85	2.05	1.56	1.40	2.46	1.93	1.22	2.88	1986
1987	1.18	1.25	4.98	3.91	1.83	1.24	0.866	0.495	0.852	1.34	1.96	3.53	1.92	1987
1988	2.01	2.47	4.18	13.2	4.00	1.99	1.18	2.32	2.40	5.46	7.63	3.62	4.19	1988
MEAN	1.82	2.21	4.58	10.5	3.65	1.95	1.45	1.48	2.48	3.57	3.41	2.70	3.25	MEAN

LOCATION - LAT 46 26 38 N DRAINAGE AREA, 207 km^2
LONG 81 05 50 W NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	21.7 AT 01:05 EST ON MAR 31	21.0 ON MAR 30	0.470 ON JUL 23	98 800	1977
1978	---	20.6 ON APR 20	0.643 ON AUG 16	105 000	1978
1979	---	28.3E ON APR 15	0.651 ON AUG 18	---	1979
1980	17.0 AT 12:11 EST ON APR 14	16.8 ON APR 13	1.02 ON AUG 4	98 600	1980
1981	20.7 AT 22:03 EST ON FEB 24	20.3 ON FEB 24	0.612 ON AUG 18	103 000	1981
1982	22.5 AT 10:51 EST ON APR 19	22.3 ON APR 19	0.312 ON AUG 6 *	103 000	1982
1983	18.6 AT 13:25 EST ON APR 15	18.2 ON APR 15	0.622E ON NOV 12	112 000	1983
1984	10.1 AT 15:05 EST ON NOV 2	10.1 ON NOV 2	0.580 ON JUL 31	107 000	1984
1985	32.5 AT 02:25 EST ON APR 23 *	31.8 ON APR 22	0.636 ON JUL 2	115 000	1985
1986	32.3 AT 22:15 EST ON MAR 31	30.5 ON MAR 31	0.683 ON AUG 30	80 800	1986
1987	15.1 AT 01:54 EST ON MAR 27	14.7 ON MAR 27	0.343 ON AUG 13	80 800	1987
1988	---	32.9 ON APR 5 *	0.668 ON AUG 1	133 000	1988
				103 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	98.9	41.4	21.5	17.5	22.0	28.7	---	1950
1951	20.4	17.6	17.2	96.4	197	78.9	52.8	22.1	12.6	30.2	42.4	44.2	52.8	1951
1952	24.8	18.0	13.7	52.4	116	111	82.3	21.3	17.2	19.0	22.4	23.3	41.8	1952
1953	13.0	10.3	10.9	37.9	221	142	53.6	21.7	15.2	12.8	11.4	20.1	47.8	1953
1954	13.6	13.6	14.5	41.3	196	97.6	45.7	24.2	16.1	54.1	53.1	20.9	49.5	1954
1955	9.60	8.79	5.77	67.6	114	83.7	22.4	10.1	6.41	23.9	30.9	20.7	31.9	1955
1956	15.3	12.4	9.80	18.1	129	155	77.9	42.3	29.6	24.5	18.9	19.4	46.1	1956
1957	16.6	13.3	11.9	89.2	148	94.9	69.8	22.1	21.3	23.7	39.2	35.4	47.4	1957
1958	22.6	15.8	12.4	76.0	87.6	88.9	88.0	39.4	61.2	44.0	54.4	40.1	54.3	1958
1959	21.8	17.4	17.2	23.1	135	91.6	34.9	19.6	25.8	54.8	44.2	32.0	43.3	1959
1960	22.8	17.9	15.4	44.1	233	117	41.7	40.7	23.8	17.3	27.3	17.2	51.7	1960
1961	9.42	9.33	11.5	55.1	178	103	67.4	30.7	46.5	77.7	63.2	40.3	57.9	1961
1962	22.5	18.0	15.5	19.9	131	106	39.1	43.2	74.4	35.7	26.7	25.4	46.5	1962
1963	17.8	13.2	10.9	29.5	116	119	70.2	29.4	20.5	15.2	11.2	10.7	39.0	1963
1964	10.5	8.55	9.35	56.2	189	128	74.4	55.3	34.2	56.1	45.9	29.6	56.3	1964
1965	20.2	17.8	14.3	26.8	161	88.9	35.0	23.7	40.4	63.5	43.0	34.2	47.6	1965
1966	26.6	22.0	19.6	51.3	195	125	83.0	34.0	25.5	63.9	58.0	41.7	61.0	1966
1967	26.0	19.7	17.5	73.4	217	103	40.0	20.6	10.3	17.3	16.8	10.3	47.8	1967
1968	8.14	7.69	6.32	69.3	90.4	82.8	111	72.4	57.5	73.2	62.6	38.7	57.0	1968
1969	30.2	23.3	18.6	41.4	177	78.6	40.4	18.7	12.1	22.9	17.8	16.6	41.8	1969
1970	13.0	10.9	9.34	10.6	93.8	76.2	52.9	22.8	31.1	35.3	35.8	27.3	35.1	1970
1971	21.4	17.3	14.0	26.0	154	116	54.2	29.5	35.6	45.4	53.1	37.2	50.5	1971
1972	24.3	19.2	16.1	20.5	164	86.7	53.6	32.4	22.9	35.9	26.2	19.3	43.6	1972
1973	16.6	13.4	17.4	57.1	144	93.1	78.4	55.3	44.0	42.6	38.6	28.9	52.8	1973
1974	21.6	17.6	14.3	15.0	184	133	55.6	45.0	39.9	77.8	67.0	40.5	59.8	1974
1975	26.6	19.6	16.8	23.6	131	95.5	38.5	16.8	11.2	12.0	23.6	15.8	38.0	1975
1976	11.6	10.1	10.4	101	130	61.4	28.6	21.7	9.11	8.25	7.25	6.06	33.9	1976
1977	6.70	5.66	7.63	105	126	61.1	46.9	19.4	50.5	64.6	51.7	31.1	48.0	1977
1978	22.7	14.7	9.87	13.1	143	133	64.6	31.4	17.6	34.3	25.4	19.6	44.3	1978
1979	15.7	11.6	11.2	51.4	284	174	57.0	26.6	45.6	79.8	98.6	53.9	74.4	1979
1980	31.6	19.4	13.8	64.1	172	73.7	38.3	22.4	20.6	38.2	33.1	23.4	46.0	1980
1981	15.2	12.8	14.0	78.0	166	90.8	39.2	16.1	7.36	8.61	10.9	8.88	39.1	1981
1982	7.81	8.41	8.83	13.8	144	68.6	77.6	38.7	53.7	86.4	100	61.4	56.7	1982
1983	35.6	24.8	22.2	30.4	213	120	47.8	18.8	23.6	46.9	33.8	26.1	53.8	1983
1984	18.9	14.3	11.0	66.1	118	103	97.4	45.7	19.9	18.1	24.1	25.4	47.0	1984
1985	20.0	15.6	13.6	61.3	122	87.9	44.0	62.9	38.4	58.3	48.9	27.0	47.6	1985
1986	17.4	13.7	12.6	77.1	127	66.2	28.6	14.7	14.3	31.6	31.0	24.2	37.3	1986
1987	16.7	13.0	11.6	89.1	60.2	36.6	---	---	---	---	---	---	---	1987
MEAN	18.8	14.7	13.1	49.3	153	98.1	56.6	30.9	28.6	40.1	38.7	27.7	48.0	MEAN

LOCATION - LAT 49 44 39 N DRAINAGE AREA, 3 780 km²
LONG 84 06 13 W NATURAL FLOW

REMARKS - STATION DISCONTINUED JULY 17 1987

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	288 ON MAY 7	11.0 ON SEP 11	1 670 000	1951
1952	---	154 ON MAY 19	11.0 ON AUG 27	1 320 000	1952
1953	---	276 ON MAY 11	8.07 ON OCT 29	1 510 000	1953
1954	---	231 ON MAY 3	12.1 B ON DEC 31	1 550 000	1954
1955	---	168 ON MAY 5	5.38B ON MAR 23 *	1 010 000	1955
1956	---	239 ON JUN 4	8.27B ON MAR 31	1 480 000	1956
1957	---	276 ON APR 28	10.9 B ON MAR 10	1 480 000	1957
1958	---	177 ON APR 23	11.8 B ON MAR 15	1 710 000	1958
1959	---	213 ON MAY 9	16.4 ON AUG 18	1 380 000	1959
1960	---	320 ON MAY 20	11.7 B ON DEC 31	1 830 000	1960
1961	---	255 ON MAY 17	8.38B ON JAN 25	1 830 000	1961
1962	---	181 ON JUN 2	14.8 RB ON MAR 20	1 470 000	1962
1963	---	181E ON MAY 26	9.65 ON NOV 6	1 230 000	1963
1964	---	254 ON MAY 2	8.16B ON FEB 25	1 840 000	1964
1965	---	157 ON MAY 16	12.2 RB ON APR 6	1 500 000	1965
1966	306 AT 06:00 EST ON MAY 24	306 ON MAY 24	17.6 B ON MAR 9	1 920 000	1966
1967	267 AT 06:00 EST ON MAY 22	266 ON MAY 22	7.93 ON OCT 6	1 510 000	1967
1968	174 AT 20:00 EST ON JUL 21	173 ON JUL 22	5.95B ON MAR 24	1 000 000	1968
1969	242 AT 10:00 EST ON MAY 9	242 ON MAY 9	9.34 ON SEP 29	1 320 000	1969
1970	124 AT 06:04 EST ON MAY 24	123 ON MAY 24	8.30B ON APR 16	1 110 000	1970
1971	188 AT 06:34 EST ON MAY 28	188 ON MAY 28	11.2 B ON APR 10	1 590 000	1971
1972	206 AT 02:24 EST ON MAY 4	205 ON MAY 4	14.3 B ON APR 16	1 380 000	1972
1973	203 AT 02:02 EST ON MAY 13	202 ON MAY 12	11.3 B ON FEB 26	1 660 000	1973
1974	238 AT 11:23 EST ON MAY 22	237 ON MAY 22	12.7 B ON APR 3	1 880 000	1974
1975	1958 AT 18:10 EST ON MAY 2	191 ON MAY 3	8.52 ON OCT 13	1 130 000	1975
1976	231 AT 19:58 EST ON APR 23	229 ON APR 23	5.60B ON DEC 31	1 070 000	1976
1977	253 AT 19:26 EST ON APR 23	252 ON APR 24	5.47B ON MAR 3	1 510 000	1977
1978	227 AT 06:25 EST ON JUN 3	226 ON JUN 3	9.60B ON MAR 16	1 400 000	1978
1979	341 AT 01:30 EST ON MAY 15 *	340 ON MAY 15 *	9.97B ON MAR 16	2 350 000	1979
1980	---	284E ON MAY 3	12.4 B ON APR 2	1 460 000	1980
1981	225 AT 06:44 EST ON MAY 9	224 ON MAY 8	8.60E ON OCT 3	1 230 000	1981
1982	220 AT 15:42 EST ON MAY 8	220 ON MAY 8	5.42B ON MAR 16	1 790 000	1982
1983	---	261 ON MAY 5	14.5 ON AUG 25	1 700 000	1983
1984	158 AT 05:05 EST ON MAY 5	158 ON MAY 5	10.0 B ON MAR 23	1 490 000	1984
1985	268 AT 02:08 EST ON APR 26	266 ON APR 26	12.6 B ON APR 12	1 800 000	1985
1986	181 AT 22:31 EST ON MAY 1	180 ON MAY 1	11.7 ON SEP 3	1 180 000	1986
1987	---	---	11.1 B ON MAR 16	---	1987
				1 520 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	32.7	23.7	32.1	17.8	---	---	1921
1922	---	---	---	---	---	52.7	26.1	14.3	8.09	5.71	5.87	5.80	---	1922
1923	5.06	5.89	5.35	10.7	30.0	27.1	21.2	10.2	15.5	26.2	43.6	38.1	20.0	1923
1924	20.0	13.4	12.5	19.2	57.2	58.7	39.6	43.0	37.0	23.9	16.6	15.4	30.8	1924
1925	12.7	12.1	11.8	48.7	98.4	105	62.2	62.6	29.3	26.5	---	---	---	1925
MEAN	12.8	10.4	9.88	26.2	65.5	60.4	37.3	32.6	22.7	22.7	21.5	20.0	25.3	MEAN

LOCATION - LAT 49 47 00 N, LONG 84 06 00 W
DRAINAGE AREA, 3 780 km²
NATURAL FLOW

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	73.6 ON JUN 28	5.15B ON APR 1 *	632 000	1923
1924	---	98.0 ON APR 30	12.5 B ON MAR 8	968 000	1924
1925	---	182 ON JUN 8 *	---	---	1925
				800 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	1.59	0.980	1.09	0.648	0.680	---	1915
1916	1.27	1.53	2.08	5.71	5.87	2.87	1.78	0.965	0.918	0.748	1.68	2.82	2.44	1916
1917	2.45	2.56	1.88	4.85	4.27	3.68	3.31	1.78	1.49	---	---	---	---	1917
MEAN	1.86	2.05	1.98	5.28	5.07	3.38	2.54	1.45	1.12	0.918	1.16	1.80	2.44	MEAN

LOCATION - LAT 45 54 00 N, LONG 82 18 00 W
DRAINAGE AREA, 243 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	7.38 ON APR 12 *	0.623 ON JAN 3 *	77 200	1916
1917	---	6.31 ON JAN 22	1.10 ON MAR 1	---	1917
				77 200	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAIBUSKONG RIVER AT BONFIELD - STATION NO. 02JE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.894	0.969	0.862	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.894	0.969	0.862	---	---	---	MEAN

LOCATION - LAT 46 14 05 N, LONG 79 05 00 W
DRAINAGE AREA, 174 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	37.2	31.1	31.3	26.3	31.5	36.4	37.0	32.9	---	1923
1924	24.8	19.6	13.3	27.8	28.8	25.5	25.5	22.8	30.5	31.5	31.0	30.8	26.0	1924
1925	28.5	29.8	27.2	46.1	29.4	42.0	19.7	19.1	39.3	42.4	41.8	36.6	33.3	1925
1926	36.2	34.9	41.6	52.8	41.2	52.5	57.0	36.7	47.2	47.1	44.8	38.9	44.4	1926
1927	35.9	40.9	46.2	107	218	118	86.7	42.2	29.3	36.2	41.0	37.5	70.1	1927
1928	35.1	34.2	32.3	33.8	47.6	43.6	44.1	26.0	46.3	53.4	47.6	38.3	40.6	1928
1929	27.0	21.6	25.9	41.3	40.7	37.6	32.4	26.0	28.2	32.4	31.9	31.5	31.6	1929
1930	31.3	37.0	37.7	34.1	41.9	29.4	32.3	20.1	32.9	29.2	37.2	26.7	33.2	1930
1931	16.2	11.4	10.2	22.7	36.7	42.0	19.0	14.2	17.2	24.1	42.8	45.7	25.3	1931
1932	47.5	45.6	52.8	80.6	92.1	86.1	36.7	44.6	24.1	19.0	22.5	14.0	45.5	1932
1933	14.0	13.2	35.5	84.6	102	86.3	24.8	22.1	17.3	24.2	29.9	27.6	36.9	1933
1934	26.8	47.3	47.7	52.4	237	91.5	47.8	32.9	38.0	34.0	35.6	40.8	61.4	1934
1935	38.7	46.0	53.0	121	136	56.6	47.7	48.4	41.2	34.7	40.3	42.3	59.1	1935
1936	36.6	32.6	49.6	80.7	172	75.2	42.0	20.5	20.0	20.4	24.4	24.6	50.0	1936
1937	25.3	27.5	30.1	85.6	115	120	56.5	46.6	35.6	36.5	39.7	37.1	53.1	1937
1938	29.3	27.1	40.4	85.2	230	133	57.9	44.9	29.9	26.5	29.0	29.1	63.7	1938
1939	25.8	25.9	43.2	112	76.5	43.2	85.9	29.4	30.4	34.4	31.2	26.3	47.0	1939
1940	24.1	23.5	20.9	23.6	52.5	41.3	36.4	31.8	26.3	23.3	25.8	25.4	28.6	1940
1941	24.0	25.0	24.8	69.9	37.0	72.6	34.9	37.7	79.6	116	46.0	44.6	51.0	1941
1942	44.7	40.3	38.3	44.6	76.6	80.5	39.9	39.3	39.6	36.7	37.5	35.6	43 7	1942
1943	36.2	35.6	35.7	55.9	69.9	230	93.9	52.0	53.2	41.1	36.8	35.7	63.9	1943
1944	33.7	27.0	26.9	53.1	141	139	76.9	172	86.0	42.7	49.6	42.4	74.2	1944
1945	38.1	42.0	91.3	170	53.0	44.0	49.6	34.8	41.1	33.3	35.5	31.4	55.4	1945
1946	36.0	38.7	58.6	74.4	76.6	46.7	44.6	36.8	39.2	71.4	74.0	49.7	54.3	1946
1947	48.2	48.2	38.7	44.2	94.5	208	53.6	46.3	46.4	43.1	44.6	38.7	62.7	1947
1948	42.0	42.6	38.4	83.5	57.4	42.5	47.9	52.7	52.7	45.7	38.7	39.6	48.7	1948
1949	39.5	39.7	36.7	57.9	52.7	36.6	33.1	33.7	36.6	40.1	40.3	39.5	40.4	1949
1950	38.1	38.0	40.5	54.3	306	174	142	56.8	51.3	69.6	52.5	53.5	92.2	1950
1951	51.7	50.0	56.6	87.1	255	78.6	56.2	45.4	53.7	60.3	55.4	51.4	75.4	1951
1952	52.8	50.6	50.5	86.6	56.2	64.0	137	59.4	53.6	26.0	46.6	45.4	60.2	1952
1953	44.3	39.6	40.6	54.7	72.4	173	48.2	36.6	36.7	36.6	40.1	41.1	55.4	1953
1954	41.7	44.6	43.6	68.4	198	124	50.1	36.6	33.6	33.7	34.2	32.7	62.1	1954
1955	32.0	32.1	33.2	82.5	36.6	28.7	31.2	27.9	32.6	39.9	42.8	40.6	36.7	1955
1956	36.6	36.1	30.3	52.9	90.4	58.2	43.6	33.6	37.2	31.1	34.1	39.6	44.0	1956
1957	40.0	39.2	29.9	82.7	58.4	67.4	70.1	34.3	36.4	39.3	43.2	42.6	50.3	1957
1958	44.5	44.6	41.4	41.5	28.0	36.4	42.3	43.0	33.1	34.5	30.6	26.2	37.2	1958
1959	39.6	56.6	53.7	42.0	42.6	58.3	42.0	42.6	48.1	56.2	46.5	44.3	47.6	1959
1960	53.1	51.4	46.0	76.5	46.7	34.6	40.6	36.5	29.3	27.7	39.3	34.5	43.1	1960
1961	46.1	55.7	54.2	63.6	47.2	43.0	39.9	46.1	62.7	57.1	57.6	42.7	53.6	1961
1962	42.2	47.6	59.3	82.5	56.1	67.5	45.2	86.0	47.7	35.1	44.1	41.8	53.0	1962
1963	36.1	36.6	36.5	47.2	46.6	207	42.7	39.6	46.7	22.6	33.1	43.5	53.5	1963
1964	36.2	36.6	46.4	66.6	113	196	110	27.3	63.1	70.2	61.7	63.1	73.4	1964
1965	50.7	56.4	56.0	81.7	111	86.1	36.5	36.5	52.6	64.4	46.6	61.8	60.9	1965
1966	56.1	59.6	62.9	122	181	87.6	36.6	27.2	24.3	27.6	21.5	22.9	60.9	1966
1967	32.4	36.0	37.4	76.7	104	51.6	37.7	36.3	29.7	26.9	36.3	40.0	46.1	1967
1968	42.3	42.7	40.7	62.0	134	295	186	56.1	42.1	74.4	77.4	64.6	84.7	1968
1969	59.3	62.6	66.6	102	116	77.5	62.9	56.6	37.0	43.1	41.3	37.5	66.7	1969
1970	36.6	43.3	46.6	62.0	102	176	44.3	21.1	16.6	46.6	140	79.3	77.6	1970
1971	64.6	64.1	66.3	147	154	110	39.9	20.2	19.6	66.6	104	66.4	76.4	1971
1972	67.7	66.6	66.6	61.7	66.6	46.2	70.6	40.7	24.6	26.7	31.7	36.1	62.9	1972
1973	36.6	42.2	43.0	64.6	63.6	63.4	61.3	34.0	46.1	66.7	76.0	64.3	63.1	1973
1974	46.7	61.1	66.0	63.9	106	106	60.0	42.2	60.2	46.0	70.6	61.6	66.3	1974
1975	66.4	66.1	63.4	76.1	67.6	36.7	36.9	22.6	19.3	23.4	41.6	46.6	44.0	1975
1976	47.9	43.4	46.6	146	67.7	46.1	46.1	23.9	21.1	32.1	36.6	26.0	47.6	1976
1977	16.7	23.4	22.6	32.1	26.4	37.6	23.6	31.4	193	140	60.1	66.6	56.0	1977
1978	60.6	66.6	64.6	61.6	67.7	76.6	66.2	42.9	37.7	27.6	31.2	46.6	51.6	1978
1979	36.4	40.6	42.1	76.7	101	63.3	49.1	22.3	27.6	29.1	33.2	42.6	46.9	1979
1980	43.6	46.6	44.7	67.7	21.9	21.0	19.6	22.4	61.6	39.0	43.4	46.4	36.0	1980
1981	46.6	47.2	47.6	66.9	71.7	112	66.6	16.7	19.0	20.7	36.4	36.0	50.3	1981
1982	41.7	36.6	19.6	64.6	72.6	22.6	111	66.9	32.4	100	66.9	72.4	60.9	1982
1983	60.2	66.2	63.7	66.1	46.6	66.6	62.2	43.6	31.7	32.6	37.6	46.6	63.1	1983
1984	46.4	47.4	47.7	66.7	66.3	64.4	67.9	46.6	39.2	32.9	36.1	31.9	61.1	1984
1985	40.2	46.6	36.1	66.6	67.2	63.2	101	46.2	64.7	136	77.4	66.6	66.2	1985
1986	66.6	66.4	62.3	106	126	60.0	73.6	22.9	26.6	26.0R	36.3	47.6	66.6R	1986
1987	44.4	46.6	37.1	20.7	22.6	21.1	23.2	27.6	16.6	16.6	16.0	13.3	26.7	1987
1988	12.4	12.6	12.6	31.6	27.6	16.6	16.3	60.1	64.2	46.2	49.0	46.1	31.7	1988
MEAN	40.1	41.0	43.2	70.6	66.7	76.3	64.6	36.6	41.2	44.4R	46.4	41.2	52.6R	MEAN

LOCATION - LAT 48 24 56 N, LONG 66 37 61 W DRAINAGE AREA, 6 710 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO R - REVISED SINCE JAN 01 1987

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED.

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	86.0R ON SEP 23	4.86 R ON MAR 30	822 000	1924
1925	---	118 R ON APR 24	8.95 R ON JUL 26	1 050 000	1925
1926	---	148 R ON JUL 8	11.6 R ON AUG 8	1 400 000	1926
1927	---	280 R ON MAY 15	12.5 ON SEP 1	2 210 000	1927
1928	---	88.1R ON MAY 3	16.8 R ON FEB 5	1 280 000	1928
1929	---	110 R ON APR 8	9.17 R ON SEP 2	997 000	1929
1930	---	87.2R ON NOV 21	13.4 R ON JUN 23	1 050 000	1930
1931	---	154 ON MAY 28	8.27 R ON MAR 15	798 000	1931
1932	---	175 ON APR 22	13.1 R ON DEC 8	1 440 000	1932
1933	---	172 ON MAY 1	11.3 ON SEP 13	1 180 000	1933
1934	---	384 R ON MAY 5	11.0 R ON NOV 23	1 840 000	1934
1935	---	282 R ON APR 27	22.2 ON OCT 7	1 880 000	1935
1936	---	309 ON MAY 1	14.3 R ON OCT 18	1 580 000	1936
1937	---	193 ON JUN 7	9.29 ON JAN 18	1 870 000	1937
1938	---	406 R ON MAY 5	10.8 R ON OCT 23	2 010 000	1938
1939	---	504 ON APR 19 *	12.6 ON DEC 31	1 480 000	1939
1940	---	320 R ON MAY 26	5.87 R ON JAN 23	937 000	1940
1941	---	283 R ON JUN 8	12.8 ON MAR 18	1 610 000	1941
1942	---	126 R ON MAY 20	18.1 R ON MAR 15	1 380 000	1942
1943	---	433 R ON JUN 17	21.5 ON DEC 25	2 020 000	1943
1944	---	287 ON MAY 13	17.9 R ON MAR 12	2 350 000	1944
1945	---	328 R ON APR 12	17.1 ON NOV 4	1 780 000	1945
1946	---	170 ON OCT 31	20.3 ON AUG 25	1 710 000	1946
1947	---	478 R ON JUN 11	17.5 ON DEC 25	1 880 000	1947
1948	---	188 R ON APR 27	17.8 ON DEC 25	1 540 000	1948
1949	---	124 ON APR 13	8.29 R ON SEP 5	1 270 000	1949
1950	---	428 ON MAY 22	21.4 ON JAN 1	2 810 000	1950
1951	---	413 R ON MAY 3	31.7 ON JUL 22	2 380 000	1951
1952	---	218 ON APR 19	7.42 ON OCT 19	1 900 000	1952
1953	---	278 ON JUN 1	22.8 ON OCT 4	1 750 000	1953
1954	---	300 ON MAY 1	8.50 R ON SEP 5	1 980 000	1954
1955	---	118 R ON APR 11	14.2 R ON MAY 23	1 180 000	1955
1956	---	137 ON JUN 1	22.8 R ON NOV 18	1 380 000	1956
1957	---	303 ON APR 25	12.0 R ON SEP 2	1 880 000	1957
1958	---	85.1 ON NOV 19	8.60 ON SEP 22	1 170 000	1958
1959	---	154 ON SEP 7	12.0 R ON JUL 30	1 500 000	1959
1960	---	178 ON APR 22	5.10 R ON SEP 28	1 380 000	1960
1961	---	195 R ON SEP 12	0.283R ON JUL 2	1 700 000	1961
1962	---	138 R ON AUG 8	0 R ON OCT 2 *	1 870 000	1962
1963	---	377 R ON JUN 20	2.83 R ON OCT 12	1 880 000	1963
1964	---	389 R ON JUN 24	7.08 ON AUG 25	2 320 000	1964
1965	---	283 ON OCT 1	17.8 R ON JUL 28	1 820 000	1965
1966	---	285 ON APR 25	11.6 ON SEP 18	1 820 000	1966
1967	---	184 R ON MAY 2	11.6 R ON OCT 28	1 480 000	1967
1968	---	484 R ON JUN 15	7.08 ON SEP 18	2 880 000	1968
1969	---	308 ON APR 16	21.2 R ON SEP 14	2 160 000	1969
1970	---	289 R ON MAY 26	5.66 R ON AUG 17	2 440 000	1970
1971	---	328 ON MAY 25	14.4 ON AUG 10	2 410 000	1971
1972	---	258 R ON MAY 2	15.9 ON SEP 25	1 870 000	1972
1973	---	148 ON NOV 22	17.8 R ON SEP 17	1 880 000	1973
1974	---	189 R ON APR 27	22.7 ON AUG 18	2 080 000	1974
1975	---	133 R ON APR 27	15.0 ON SEP 22	1 380 000	1975
1976	---	354 R ON APR 17	14.4 ON DEC 25	1 810 000	1976
1977	---	378 ON SEP 25	13.9 ON JAN 2	1 830 000	1977
1978	---	185 ON MAY 30	16.9 ON NOV 5	1 840 000	1978
1979	---	240 ON MAY 11	17.4 ON AUG 20	1 540 000	1979
1980	---	148 ON SEP 20	15.9 ON MAY 8	1 200 000	1980
1981	---	164 ON APR 11	17.2 ON AUG 24	1 590 000	1981
1982	---	325 ON JUL 7	17.3 ON APR 12	1 920 000	1982
1983	---	218 ON JUL 5	24.3 ON SEP 18	1 980 000	1983
1984	---	158 ON APR 28	25.3 ON DEC 24	1 820 000	1984
1985	---	185 ON OCT 9	17.8 ON APR 14	2 180 000	1985
1986	---	229 ON APR 30	17.8 ON AUG 14	1 880 000R	1986
1987	---	86.8 ON AUG 13	8.40 ON MAY 29	811 000	1987
1988	---	102 ON NOV 17	11.6 ON JAN 17	1 000 000	1988
				1 870 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	40.2	53.3	57.1	37.9	44.7	42.8	44.4	39.7	---	1926
1927	37.8	35.2	41.7	124	268	138	121	55.3	32.4	37.8	44.7	36.2	81.3	1927
1928	36.0	37.7	34.5	28.9	48.0	45.4	47.9	37.5	58.5	64.8	55.9	47.4	45.2	1928
1929	37.4	30.2	30.8	45.1	51.3	45.7	36.7	35.6	33.8	34.8	35.1	35.8	38.0	1929
1930	34.8	35.7	37.4	22.8	40.6	45.4	35.4	30.8	36.5	30.4	25.3	25.1	33.3	1930
1931	14.8	14.3	11.7	17.2	37.8	45.7	23.3	19.8	21.4	23.8	32.6	---	---	1931
1932	---	---	---	---	95.9	58.9	42.4	54.0	31.7	21.7	23.4	14.6	---	1932
1933	14.1	15.8	35.7	58.6	98.2	72.4	28.4	22.9	19.3	26.9	35.1	---	---	1933
1934	---	---	---	---	230	88.8	59.3	54.6	52.1	43.1	48.7	45.8	---	1934
1935	40.5	53.2	68.3	85.3	125	89.5	58.1	52.8	46.2	36.5	45.3	47.9	60.8	1935
1936	42.8	34.7	49.2	49.9	152	79.1	51.4	28.5	21.7	22.9	30.2	24.7	49.0	1936
1937	30.9	34.0	33.7	67.0	134	140	71.9	55.2	41.2	37.9	42.1	45.9	61.2	1937
1938	38.1	39.4	36.5	93.6	233	138	69.0	48.7	33.9	29.0	31.5	32.1	58.8	1938
1939	30.3	34.3	61.2	81.8	74.3	49.5	90.5	30.1	32.1	36.2	33.7	29.7	48.7	1939
1940	32.3	27.0	24.8	23.8	38.1	49.4	43.8	35.6	29.8	25.6	28.1	30.3	32.4	1940
1941	26.6	27.8	28.9	51.0	38.1	79.1	59.7	39.9	75.5	125	52.8	42.2	54.0	1941
1942	48.3	44.7	38.9	39.1	82.5	80.4	55.1	82.8	42.2	38.4	38.0	39.6	48.4	1942
1943	42.8	41.1	54.4	53.2	58.3	219	99.1	68.9	56.8	45.6	45.4	41.8	69.1	1943
1944	34.8	29.7	32.3	54.0	170	173	100	204	102	51.0	54.4	47.3	88.0	1944
1945	41.1	46.2	70.4	162	59.9	48.0	54.9	47.6	47.5	39.7	36.0	31.1	56.8	1945
1946	35.1	40.5	42.5	64.0	91.9	63.1	57.4	45.2	43.7	60.5	82.2	54.9	59.3	1946
1947	58.9	48.7	42.8	51.8	113	231	67.7	53.2	51.7	48.0	44.1	41.6	70.7	1947
1948	46.2	43.9	44.2	78.8	56.0	40.7	59.2	69.1	62.3	49.6	40.5	42.8	52.8	1948
1949	44.7	45.3	43.0	53.8	53.5	39.9	37.9	38.6	39.6	42.4	43.5	45.6	44.0	1949
1950	42.2	48.7	50.1	59.5	383	200	177	73.2	58.7	108	58.7	88.0	109	1950
1951	65.1	63.4	68.5	94.7	272	94.3	70.3	49.5	58.7	60.9	56.6	51.1	84.8	1951
1952	60.4	58.9	63.3	90.6	84.8	82.0	147	68.1	64.4	35.2	54.8	50.4	68.4	1952
1953	49.8	41.9	48.4	56.5	82.3	182	63.5	48.9	50.7	49.4	48.1	48.3	63.9	1953
1954	48.9	52.0	50.1	74.3	226	150	58.4	45.6	42.8	40.7	41.1	38.8	72.2	1954
1955	33.6	34.1	36.3	70.3	41.2	33.4	35.3	31.9	38.7	44.1	45.9	62.3	42.3	1955
1956	53.3	53.8	38.3	50.4	103	68.3	47.6	37.1	41.3	33.8	38.2	40.5	50.5	1956
1957	47.3	44.2	41.8	90.7	86.4	76.8	81.8	37.1	38.5	36.4	43.9	42.3	54.1	1957
1958	43.2	44.6	41.8	40.3	31.3	40.2	45.8	47.4	38.8	40.6	37.0	72.1	43.6	1958
1959	53.9	58.2	48.9	45.0	43.9	63.3	47.4	50.3	56.0	62.4	56.1	51.5	53.8	1959
1960	78.8	53.2	45.0	76.5	43.8	32.2	43.5	37.5	31.3	30.6	43.3	42.5	46.6	1960
1961	40.7	52.4	64.0	88.2	50.8	48.4	43.3	54.4	95.2	63.3	85.5	53.0	58.7	1961
1962	50.7	57.1	59.2	88.2	63.4	61.8	61.1	101	57.8	43.3	51.8	48.2	62.0	1962
1963	43.2	41.2	42.7	46.8	52.7	238	50.8	48.6	55.5	25.0	37.1	50.2	80.6	1963
1964	40.8	41.2	51.8	73.5	128	220	129	37.1	73.7	77.8	89.8	80.4	83.5	1964
1965	58.2	64.3	65.6	82.2	101	64.7	40.6	49.8	57.1	64.8	53.5	64.6	68.5	1965
1966	120	85.2	71.5	116	169	88.8	38.8	34.0	27.1	31.0	27.1	47.6	71.2	1966
1967	41.7	50.2	52.6	87.8	125	64.6	44.3	42.8	35.7	33.8	41.7	58.1	58.5	1967
1968	41.9	34.5	41.1	78.4	138	282	188	82.5	49.1	75.6	85.0	84.4	97.5	1968
1969	77.1	69.9	78.0	157	118	83.1	70.9	61.7	41.3	48.3	47.4	48.3	74.8	1969
1970	101	80.1	41.3	81.0	181	171	85.3	25.5	18.9	50.3	140	81.1	83.9	1970
1971	71.0	71.4	78.0	140	148	113	42.0	23.0	22.7	59.4	106	80.0	78.5	1971
1972	72.5	69.5	69.2	83.7	83.8	51.6	68.4	45.0	25.0	28.5	35.5	68.1	58.3	1972
1973	53.0	47.7	46.1	82.7	65.5	86.8	54.4	38.4	80.1	76.3	79.9	67.6	58.1	1973
1974	86.7	73.8	67.5	86.2	107	112	68.3	48.1	85.8	61.2	78.1	69.7	78.0	1974
1975	68.0	65.1	62.3	77.9	58.8	38.0	38.8	25.4	21.6	27.4	47.5	64.8	48.5	1975
1976	59.3	50.1	53.0	129	58.0	32.5	40.3	21.1	19.7	32.1	38.9	31.8	47.1	1976
1977	19.7	23.4	23.2	32.8	27.3	40.3	26.7	32.7	180	144	63.9	83.2	59.8	1977
1978	75.8	68.8	64.2	63.1	59.7	87.7	76.4	48.6	42.3	30.6	36.3	54.8	58.8	1978
1979	52.2	49.5	48.4	77.4	108	95.6	57.9	26.5	26.7	31.2	34.0	44.5	54.3	1979
1980	49.0	48.8	47.3	53.5	21.0	21.8	20.8	23.8	51.4	38.9	48.3	51.1	38.4	1980
1981	51.5	51.3	53.2	90.8	75.3	119	62.9	20.7	20.9	24.5	38.5	40.5	54.0	1981
1982	48.4	41.1	22.2	49.1	69.7	24.3	113	75.6	35.9	103	100	79.8	63.8	1982
1983	67.8	64.5	70.4	69.5	45.8	62.5	89.0	50.1	36.4	34.5	40.6	52.5	57.8	1983
1984	53.1	54.4	54.4	66.7	69.5	101	65.2	52.4	44.8	35.7	43.3	38.5	58.3	1984
1985	46.7	52.6	43.0	53.3	86.0	85.9	110	55.7	73.6	146	86.3	76.1	74.7	1985
1986	73.1	70.0	75.0	104	137	89.4	61.2	34.6	28.4	28.8	41.1	53.9	68.4	1986
1987	48.5	50.2	40.2	20.7	22.8	22.9	26.0	30.2	21.4	21.4	19.3	17.1	28.4	1987
1988	12.2	11.8	11.8	28.9	29.1	22.5	22.3	53.8	59.0	53.1	54.1	53.8	34.4	1988
MEAN	49.7	47.3	48.3	70.3	86.9	68.8	64.0	47.3	46.2	48.0	48.9	49.8	60.1	MEAN

LOCATION - LAT 48 31 58 N
LONG 89 35 39 W

DRAINAGE AREA, 6 480 km²
REGULATED

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	184 ON JUL 10	---	---	1926
1927	---	340 ON MAY 15	22.3 ON SEP 3	2 580 000	1927
1928	---	91.5 ON OCT 20	21.7 B ON APR 1	1 430 000	1928
1929	---	121 ON APR 6	17.3 ON SEP 1	1 200 000	1929
1930	---	75.9 ON MAY 2	14.0 B ON APR 27	1 050 000	1930
1931	---	131 ON MAY 28	---	---	1931
1932	---	135 ON MAY 18	---	---	1932
1933	---	142 ON MAY 1	---	---	1933
1934	---	326 ON MAY 5	---	---	1934
1935	---	236 ON APR 27	31.7 ON OCT 8	1 820 000	1935
1936	---	273 ON MAY 1	18.7 ON OCT 3	1 550 000	1936
1937	---	241 ON JUN 6	18.7 ON OCT 30	1 930 000	1937
1938	---	428 ON MAY 5	14.8 ON NOV 24	2 170 000	1938
1939	---	201 ON APR 30	18.4 ON NOV 22	1 540 000	1939
1940	---	63.1 ON JUN 9	13.8 ON OCT 6	1 020 000	1940
1941	---	280 ON JUN 7	16.4 ON MAY 25	1 700 000	1941
1942	---	138 ON MAY 20	21.2 ON SEP 18	1 550 000	1942
1943	---	405 ON JUN 16	28.3 ON APR 18	2 180 000	1943
1944	---	385 ON AUG 10	29.7 B ON FEB 1	2 780 000	1944
1945	---	294 ON APR 12	26.5 ON NOV 3	1 780 000	1945
1946	---	187 ON OCT 31	17.3 ON AUG 27	1 870 000	1946
1947	---	575 ON JUN 11 *	34.3 ON OCT 25	2 230 000	1947
1948	---	169 ON APR 26	21.2 ON JUN 20	1 670 000	1948
1949	---	111 ON APR 13	22.1 ON OCT 2	1 380 000	1949
1950	---	513 ON MAY 21	41.9 ON SEP 30	3 440 000	1950
1951	---	416 ON MAY 2	38.1 ON SEP 3	2 870 000	1951
1952	---	221 ON APR 22	21.9 ON OCT 2	2 180 000	1952
1953	---	252 ON JUN 9	27.2 ON OCT 4	2 010 000	1953
1954	---	413 ON MAY 1	17.2 ON SEP 5	2 280 000	1954
1955	---	127 ON APR 19	16.4 ON SEP 5	1 330 000	1955
1956	---	184 ON JUN 1	25.1 ON OCT 7	1 800 000	1956
1957	---	286 ON APR 25	14.4 ON OCT 6	1 700 000	1957
1958	---	110 B ON DEC 9	14.2 E ON SEP 21	1 370 000	1958
1959	---	151 ON SEP 7	20.0 ON AUG 1	1 700 000	1959
1960	---	141 ON APR 23	6.40 ON SEP 25	1 470 000	1960
1961	---	186 ON SEP 12	6.238 ON JAN 9	1 850 000	1961
1962	---	170 ON AUG 8	16.8 ON JUL 13	1 850 000	1962
1963	---	428 ON JUN 20	5.52 ON OCT 15	1 920 000	1963
1964	---	482 ON JUN 27	7.83 ON AUG 25	2 640 000	1964
1965	---	251 ON OCT 1	25.0 ON AUG 8	2 100 000	1965
1966	---	219 ON MAY 6	11.9 ON NOV 7	2 250 000	1966
1967	195 AT 08:00 CST ON MAY 2	187 ON MAY 2	10.8 B ON JAN 6	1 780 000	1967
1968	470 AT 20:00 CST ON JUN 14 *	456 ON JUN 14	16.5 B ON JAN 23	3 080 000	1968
1969	---	270 ON APR 17	20.3 ON SEP 15	2 380 000	1969
1970	274 AT 05:30 CST ON MAY 26	271 ON MAY 26	5.24 ON OCT 5 *	2 650 000	1970
1971	---	283 ON MAY 25	17.2 ON SEP 27	2 510 000	1971
1972	227 AT 03:13 CST ON MAY 3	222 ON MAY 1	8.35 ON SEP 8	1 870 000	1972
1973	128 AT 03:10 CST ON NOV 22	123 ON APR 22	20.2 ON SEP 19	1 830 000	1973
1974	183 AT 22:48 CST ON MAY 22	149 ON APR 27	30.0 ON AUG 19	2 400 000	1974
1975	130 AT 01:44 CST ON APR 27	116 ON APR 27	17.8 ON SEP 19	1 530 000	1975
1976	262 AT 01:09 CST ON APR 18	251 ON APR 18	10.9 B ON DEC 21	1 490 000	1976
1977	292 AT 18:23 EST ON SEP 27	292 ON SEP 27	13.8 B ON JAN 2	1 690 000	1977
1978	180 AT 03:33 EST ON MAY 30	170 ON MAY 30	19.3 ON NOV 11	1 850 000	1978
1979	238 AT 12:36 EST ON MAY 11	233 R ON MAY 11	19.4 R ON SEP 29	1 710 000	1979
1980	142 AT 08:01 EST ON SEP 20	135 ON SEP 20	10.8 ON JUN 12	1 250 000	1980
1981	160 AT 12:04 EST ON APR 30	159 ON JUN 10	17.8 ON SEP 11	1 710 000	1981
1982	318 AT 17:40 EST ON JUL 6	292 ON JUL 7	19.1 ON APR 11	2 010 000	1982
1983	221 AT 09:57 EST ON JUL 5	215 ON JUL 5	27.5 ON SEP 16	1 820 000	1983
1984	169 AT 05:57 EST ON APR 28	158 ON APR 28	28.3 ON OCT 29	1 780 000	1984
1985	198 AT 18:05 EST ON OCT 9	193 ON OCT 8	18.4 ON APR 14	2 360 000	1985
1986	243 AT 19:07 EST ON APR 29	217 ON APR 30	19.8 ON AUG 13	2 090 000	1986
1987	76.5 AT 10:53 EST ON FEB 9	61.9 ON FEB 9	15.5 ON SEP 29	885 000	1987
1988	---	92.8 ON SEP 2	11.8 B ON JAN 13	1 090 000	1988
				1 900 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	15.9	18.1	17.7	28.2	25.8	22.3	---	1923
1924	18.7	20.8	11.0	5.54	8.70	14.2	13.4	8.82	7.76	2.10	10.4	18.2	11.4	1924
1925	19.2	22.5	18.9	3.14	7.97	0	0.645	3.55	20.5	24.3	27.2	24.8	14.3	1925
1926	28.1	27.8	33.0	20.0	18.5	12.8	0	0.550	15.8	13.6	24.3	16.9	17.2	1926
1927	17.8	25.2	28.6	34.1	107	63.8	71.8	28.4	13.2	10.7	23.4	24.9	37.4	1927
1928	24.0	25.1	23.0	13.8	5.05	5.77	17.8	12.4	28.3	33.8	31.5	28.4	20.7	1928
1929	23.3	22.3	18.6	3.21	11.8	11.2	12.0	19.1	13.3	20.0	14.3	20.8	15.8	1929
1930	23.8	32.0	35.3	10.4	5.01	5.95	8.37	17.1	27.0	20.9	15.4	14.7	17.9	1930
1931	7.87	4.01	4.54	1.54	0.318	0	0.735	10.1	12.6	11.1	15.5	24.8	7.82	1931
1932	33.5	32.1	38.1	19.7	33.0	34.7	10.9	35.4	24.4	18.7	10.5	10.5	24.9	1932
1933	10.4	10.3	24.1	12.1	38.4	41.5	12.5	7.30	5.05	5.30	14.4	18.7	16.7	1933
1934	18.7	41.3	37.8	21.5	66.3	40.0	26.2	26.4	29.7	16.2	18.6	28.4	31.3	1934
1935	27.7	35.9	49.1	22.4	45.5	19.6	28.8	28.5	28.6	21.8	25.7	31.7	30.6	1935
1936	30.6	23.7	38.7	29.4	41.4	36.1	35.6	17.4	11.6	12.4	18.3	17.5	25.9	1936
1937	20.4	21.6	22.9	9.35	42.3	76.5	34.4	31.2	20.8	14.5	20.5	30.8	26.8	1937
1938	25.8	18.8	17.0	33.7	130	67.0	28.2	23.3	21.5	20.5	18.0	22.3	35.7	1938
1939	18.3	17.3	34.6	22.0	4.52	2.53	27.5	7.87	20.9	26.9	24.3	17.4	18.7	1939
1940	17.5	15.5	13.8	14.0	7.55	10.7	20.0	27.7	21.9	20.0	18.7	17.2	16.9	1940
1941	16.0	17.3	18.7	8.33	8.31	15.5	28.2	22.1	8.56	52.6	19.7	27.0	20.3	1941
1942	31.6	30.2	32.3	11.4	8.61	21.6	9.48	23.1	35.5	26.3	25.2	23.4	23.2	1942
1943	24.3	23.9	24.1	13.6	1.51	86.9	40.1	47.7	42.5	26.8	18.6	21.8	31.0	1943
1944	21.5	13.7	13.2	7.80	81.5	81.9	37.3	144	63.3	21.3	14.7	21.5	43.7	1944
1945	21.8	26.8	32.2	79.7	16.9	13.2	29.0	15.9	24.4	25.6	23.8	18.7	27.3	1945
1946	24.6	22.6	14.8	24.6	38.8	17.4	15.4	28.1	28.6	28.2	41.7	28.0	26.1	1946
1947	31.4	30.1	20.5	23.3	18.8	98.1	34.3	26.4	28.9	28.4	27.1	26.7	33.0	1947
1948	33.3	32.3	27.6	15.2	5.81	15.3	39.7	33.7	44.2	42.7	33.8	28.4	29.4	1948
1949	29.3	26.0	25.9	9.25	10.6	8.40	12.6	23.0	28.3	18.1	23.9	22.1	18.9	1949
1950	24.4	27.1	31.3	22.5	127	76.8	69.6	18.2	11.4	37.5	20.9	29.6	41.6	1950
1951	31.8	34.6	44.6	27.7	87.0	23.2	27.3	19.8	12.6	13.3	19.0	23.9	30.5	1951
1952	35.0	33.3	35.3	20.1	7.38	24.4	78.6	19.4	30.1	13.3	28.3	27.4	29.4	1952
1953	28.4	24.0	25.5	6.17	5.48	72.8	20.0	22.5	23.9	23.6	26.7	27.0	25.5	1953
1954	30.3	30.2	30.6	12.0	78.0	66.0	26.9	26.9	21.6	20.6	21.9	18.9	31.9	1954
1955	19.4	19.0	18.9	7.97	14.3	18.0	20.6	21.6	26.5	18.9	20.8	22.5	19.0	1955
1956	22.5	22.3	17.2	6.88	0.283	4.00	8.50	23.5	27.0	27.3	25.6	30.6	18.0	1956
1957	33.3	30.2	28.8	22.2	2.07	23.4	34.3	22.4	23.9	39.1	35.3	32.8	27.4	1957
1958	36.1	36.3	33.0	3.68	11.2	12.5	25.9	38.9	24.3	22.9	13.2	11.3	22.4	1958
1959	33.5	54.3	49.6	17.3	3.33	18.2	20.1	18.5	3.53	26.4	25.2	25.1	24.4	1959
1960	37.2	39.6	38.5	31.8	15.9	17.3	31.4	25.7	17.4	14.1	9.07	17.0	24.7	1960
1961	37.7	41.3	40.5	15.5	0.708	8.13	15.5	40.3	52.4	31.2	30.5	28.6	28.7	1961
1962	30.8	37.2	47.6	36.8	5.10	32.8	20.5	48.7	29.8	26.4	33.6	29.2	31.4	1962
1963	31.4	30.0	31.1	9.76	13.8	100	17.8	26.2	28.4	18.2	28.7	37.7	31.0	1963
1964	32.1	32.5	29.9	21.5	39.3	61.0	50.2	15.6	38.3	45.1	43.1	43.2	39.3	1964
1965	43.0	50.4	50.2	43.8	22.4	20.8	15.8	34.3	17.0	32.1	32.7	37.1	33.3	1965
1966	46.8	48.9	49.7	49.6	51.5	40.0	22.2	17.8	18.6	16.7	18.1	18.1	33.1	1966
1967	24.2	31.7	22.8	5.84	47.8	21.5	22.3	10.4	26.8	24.3	28.0	31.3	24.7	1967
1968	38.1	37.6	23.2	11.8	47.1	143	80.8	26.5	22.0	36.3	49.4	48.1	47.0	1968
1969	41.8	47.8	51.6	51.4	42.5	35.0	36.0	36.8	30.1	30.8	31.9	31.4	38.7	1969
1970	32.1	31.6	32.7	27.1	80.1	88.2	20.9	13.8	10.3	14.8	64.5	48.2	37.0	1970
1971	49.8	50.7	51.2	49.4	49.4	68.7	24.5	8.21	9.13	17.7	43.8	50.3	38.5	1971
1972	45.4	50.5	48.3	29.4	1.08	12.3	27.7	23.5	15.6	16.9	19.0	26.6	28.2	1972
1973	33.8	35.1	21.7	0.709	10.0	38.9	25.3	10.8	11.2	35.9	40.4	36.4	24.9	1973
1974	37.4	50.7	49.4	29.6	13.2	46.5	40.0	32.5	23.9	24.0	40.8	42.6	35.8	1974
1975	42.1	44.5	46.1	28.0	4.42	3.13	17.9	12.9	10.2	14.8	35.6	42.4	25.2	1975
1976	41.3	33.6	33.6	16.0	21.6	19.6	33.1	19.4	20.6	32.7	40.2	23.5	27.8	1976
1977	14.6	16.0	13.1	12.5	14.3	28.0	8.76	14.3	75.2	64.5	51.6	51.9	30.6	1977
1978	47.5	54.5	53.0	24.7	0.187	22.6	45.8	35.8	21.2	9.29	21.6	44.0	31.7	1978
1979	37.9	41.2	39.4	21.3	0.810	46.7	42.9	17.5	18.8	26.1	26.7	37.7	29.6	1979
1980	42.0	41.3	38.2	18.4	3.28	15.7	10.4	15.6	0	11.0	27.0	38.0	21.7	1980
1981	42.8	44.7	42.2	3.83	13.9	83.6	45.9	14.1	16.6	15.5	33.6	34.3	30.8	1981
1982	41.9	31.5	14.3	6.27	0.088	3.23	8.84	50.9	24.5	44.5	53.4	52.7	27.5	1982
1983	50.9	52.7	52.6	30.7	0.323	4.51	41.3	28.9	20.4	10.3	24.3	32.3	28.0	1983
1984	31.3	38.7	45.3	10.7	4.74	46.0	42.2	38.3	35.3	21.3	33.6	23.6	30.9	1984
1985	32.1	39.6	30.9	7.89	1.47	32.1	63.6	35.9	26.2	76.7	47.7	46.8	37.0	1985
1986	51.2	53.2	52.7	15.7	32.2	43.6	56.2	24.2	18.1	17.6 R	23.7	37.2	35.4 R	1986
1987	40.5	40.8	29.5	---	12.7	17.3	23.6	---	4.86	---	---	---	---	1987
1988	5.18	6.89	9.91	---	---	8.86	15.5	3.03	13.7	32.1	---	27.5	---	1988
MEAN	30.4	32.2	31.7	19.4	25.4	34.5	28.1	24.8	22.8	24.5 R	27.4	28.9	27.7 R	MEAN

LOCATION - LAT 48 42 30 N LONG 89 38 00 W DRAINAGE AREA, 3 760 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

REMARKS - DAILY DISCHARGES PRIOR TO 1976 HAVE NOT BEEN PUBLISHED.

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	28.2R ON JAN 3	0 R ON APR 18 *	382 000	1924
1925	---	34.8R ON NOV 29	0 R ON APR 2	452 000	1925
1926	---	56.4R ON FEB 2	0 R ON APR 20	542 000	1926
1927	---	121 R ON MAY 20	0 E ON SEP 1	1 180 000	1927
1928	---	61.4R ON OCT 20	0 R ON APR 5	653 000	1928
1929	---	31.1R ON AUG 5	0 RE ON APR 5	499 000	1929
1930	---	44.5R ON FEB 26	0 E ON MAY 4	585 000	1930
1931	---	25.1E ON DEC 1	0 R ON APR 8	246 000	1931
1932	---	58.6R ON MAY 24	0 ON JUL 10	789 000	1932
1933	---	58.0R ON MAY 26	5.04 ON AUG 25	528 000	1933
1934	---	105 R ON MAY 21	13.8 ON OCT 1	986 000	1934
1935	---	61.7R ON MAY 23	0 R ON APR 23	965 000	1935
1936	---	58.3R ON MAY 23	5.07 R ON NOV 14	820 000	1936
1937	---	132 ON JUN 7	0 ON APR 16	907 000	1937
1938	---	234 R ON MAY 6	1.13 R ON NOV 5	1 130 000	1938
1939	---	63.1 ON JUL 10	0.585 ON MAY 10	589 000	1939
1940	---	41.6R ON AUG 14	0 RE ON NOV 9	534 000	1940
1941	---	94.6R ON OCT 14	0 R ON APR 11	641 000	1941
1942	---	48.7R ON MAR 15	0.340 ON MAY 1	731 000	1942
1943	---	221 ON JUN 19	0.142R ON APR 21	978 000	1943
1944	---	260 ON AUG 16 *	0.566R ON APR 18	1 380 000	1944
1945	---	142 ON APR 19	0.283R ON MAY 26	880 000	1945
1946	---	101 ON OCT 31	0.142R ON APR 18	822 000	1946
1947	---	199 R ON JUN 14	0.142R ON APR 30	1 040 000	1947
1948	---	61.7 ON SEP 22	0.283R ON APR 20	930 000	1948
1949	---	43.3R ON SEP 27	0.283R ON APR 12	628 000	1949
1950	---	259 R ON MAY 21	0.283 ON APR 22	1 310 000	1950
1951	---	151 R ON MAY 8	0.283 ON SEP 28	962 000	1951
1952	---	100 R ON JUL 18	0.283R ON APR 17	930 000	1952
1953	---	116 R ON JUN 18	0.283R ON APR 2	805 000	1953
1954	---	139 ON MAY 25	0.283R ON APR 14	1 010 000	1954
1955	---	35.4R ON AUG 3	0.283R ON APR 15	598 000	1955
1956	---	35.1R ON DEC 30	0.283R ON APR 14	658 000	1956
1957	---	85.8R ON JUN 26	0.283R ON APR 26	885 000	1957
1958	---	49.3R ON AUG 18	1.42 R ON APR 8	707 000	1958
1959	---	56.4R ON JAN 30	0 R ON SEP 9	770 000	1959
1960	---	55.4R ON FEB 3	1.33 R ON NOV 2	780 000	1960
1961	---	104 R ON SEP 12	0.283R ON JUN 30	905 000	1961
1962	---	78.3R ON JUN 26	0.283R ON MAY 2	890 000	1962
1963	---	192 ON JUN 19	0.283R ON JAN 20	978 000	1963
1964	---	180 R ON JUN 27	0.283R ON APR 18	1 240 000	1964
1965	---	53.8R ON DEC 17	0.283R ON MAY 2	1 050 000	1965
1966	---	81.0R ON MAY 30	0.283 ON SEP 25	1 040 000	1966
1967	---	51.3R ON JUL 8	0.283 ON MAR 1	778 000	1967
1968	---	258 R ON JUN 12	0 ON SEP 1	1 490 000	1968
1969	---	52.4R ON MAY 2	0 R ON AUG 3	1 220 000	1969
1970	---	137 R ON MAY 30	0 R ON SEP 27	1 170 000	1970
1971	---	118 ON JUN 1	0 ON MAY 22	1 210 000	1971
1972	---	54.1R ON JUL 28	0 ON APR 22	829 000	1972
1973	---	52.7R ON JUL 12	0 ON MAR 28	785 000	1973
1974	---	52.4R ON FEB 9	0 R ON APR 21	1 130 000	1974
1975	---	54.1R ON APR 2	0 ON APR 19	788 000	1975
1976	---	49.3 ON OCT 31	0 R ON APR 8	880 000	1976
1977	---	184 ON SEP 24	0 ON MAR 12	966 000	1977
1978	---	54.9 ON JAN 1	0 ON APR 23	1 000 000	1978
1979	---	54.4 ON JUN 14	0 ON APR 20	833 000	1979
1980	---	46.2 ON JAN 20	0 E ON APR 18	887 000	1980
1981	---	76.2 ON JUN 12	0 ON APR 2	871 000	1981
1982	---	86.6 ON AUG 8	0 ON APR 16	887 000	1982
1983	---	60.3 ON JUL 9	0 ON APR 24	815 000	1983
1984	---	54.5 ON JUN 15	0 ON APR 13	978 000	1984
1985	---	124 ON JUL 3	0 ON APR 13	1 170 000	1985
1986	---	91.3 ON JUL 4	0 ON APR 15	1 120 000R	1986
1987	---	45.7 ON JAN 27	0 ON APR 10	---	1987
1988	---	37.8 ON OCT 8	0 ON APR 4	---	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		878 000R	MEAN

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	---	125	56.4	32.4	39.8	48.7	38.6	---	1927
1928	38.2	38.1	35.4	34.3	57.4	84.2	47.8	30.4	57.2	69.4	58.0	52.1	49.4	1928
1929	34.8	32.4	26.0	63.1	52.2	44.6	36.4	31.0	29.4	37.8	39.9	36.8	36.0	1929
1930	30.4	36.5	38.8	24.6	53.7	40.7	46.1	50.3	43.2	31.1	39.8	26.8	38.6	1930
1931	16.3	11.4	11.3	32.0	86.1	---	---	---	---	---	---	---	---	1931
MEAN	29.8	27.4	38.4	38.6	64.8	48.8	63.8	42.0	43.1	44.8	46.1	38.8	42.0	MEAN

LOCATION - LAT 48 22 05 N DRAINAGE AREA, 7 740 km^2
LONG 89 33 55 W REGULATED

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	142 ON JUN 24 *	18.7 ON JUN 3	1 580 000	1928
1929	---	84.1 ON MAY 17	7.78 ON JUL 1 *	1 200 000	1929
1930	---	87.28 ON NOV 21	14.8 B ON DEC 23	1 210 000	1930
1931	---	---	---	---	1931
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 320 000	MEAN

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	62.2	44.6	23.8	25.9	22.8	31.5	38.8	---	1921
1922	32.3	30.0	28.3	24.8	14.0	16.0	32.4	27.6	22.1	33.6	30.3	30.1	28.8	1922
1923	30.8	29.7	26.2	24.8	12.4	11.0	16.2	18.7	20.2	29.9	31.1	24.1	23.1	1923
1924	14.7	12.7	10.5	9.06	11.3	14.8	12.8	10.4	11.7	8.92	11.9	18.9	12.0	1924
1925	18.2	26.3	19.4	10.1	10.4	6.83	5.42	6.52	18.1	24.5	26.5	25.5	16.5	1925
1926	25.4	22.5	33.6	25.4	16.9	16.8	5.13	3.12	17.2	18.2	25.4	19.9	19.0	1926
1927	24.5	36.8	33.3	43.6	138	89.4	76.3	39.7	17.8	15.7	26.6	29.3	46.2	1927
1928	30.0	33.3	30.5	18.1	11.7	12.5	22.5	16.1	32.1	36.0	35.5	32.6	25.1	1928
1929	29.9	26.4	21.8	10.7	16.1	16.2	17.1	23.6	18.0	23.2	17.8	24.3	20.6	1929
1930	25.7	29.1	34.8	14.6	11.7	11.3	12.1	18.0	28.5	22.8	20.4	16.7	20.4	1930
1931	10.8	8.84	8.44	6.77	6.37	5.17	4.85	12.9	14.7	14.1	17.8	27.1	11.5	1931
1932	34.2	36.0	39.8	26.7	34.9	34.1	16.1	37.6	27.6	18.4	14.4	12.6	27.7	1932
1933	13.1	15.0	28.8	18.8	42.2	43.8	15.7	11.7	10.4	10.8	17.3	20.3	20.7	1933
1934	20.8	43.7	38.5	25.0	74.8	40.8	31.5	31.4	34.3	22.8	26.4	34.5	35.3	1934
1935	30.4	38.8	49.7	33.5	46.4	22.7	33.0	33.5	32.8	25.8	30.5	34.6	34.5	1935
1936	34.2	25.4	41.6	36.7	60.3	39.1	38.0	22.7	15.7	16.8	18.9	17.7	29.8	1936
1937	25.3	26.8	19.7	20.1	46.5	86.8	45.1	37.4	25.3	17.7	23.7	34.8	34.3	1937
1938	29.0	26.0	24.2	38.0	136	76.0	38.2	25.7	25.1	22.7	21.7	25.6	40.7	1938
1939	24.1	26.1	42.4	31.9	16.5	9.72	32.6	13.6	25.3	28.8	27.9	21.6	25.1	1939
1940	23.4	19.3	17.3	17.8	15.3	13.8	22.9	29.0	25.1	22.4	22.1	21.0	20.8	1940
1941	17.7	19.7	22.0	15.7	13.1	23.6	33.1	22.0	13.6	51.9	22.2	30.8	23.9	1941
1942	35.6	34.0	31.5	18.9	16.1	27.2	14.1	24.1	33.6	27.1	25.4	26.8	28.1	1942
1943	29.8	26.5	22.0	18.1	8.83	76.3	39.9	43.8	41.6	27.3	21.2	24.7	31.6	1943
1944	24.2	18.1	18.5	14.1	74.1	73.5	41.0	121	80.3	39.5	21.1	25.1	43.6	1944
1945	24.2	30.0	35.4	70.2	27.0	20.8	32.4	19.0	26.7	27.6	26.8	22.0	30.1	1945
1946	26.3	26.9	23.3	32.8	50.4	25.3	20.7	30.1	28.6	33.3	44.3	32.7	31.3	1946
1947	40.1	31.7	24.3	29.6	27.1	102	28.6	30.5	31.4	30.0	26.3	30.3	36.2	1947
1948	33.5	29.2	27.3	24.2	10.9	18.1	38.8	34.5	45.3	41.9	33.7	31.6	30.5	1948
1949	31.6	33.0	28.6	17.0	16.7	14.4	16.6	27.0	31.4	22.7	26.6	26.9	24.3	1949
1950	26.6	32.3	38.7	27.5	170	102	80.4	33.4	27.7	62.2	35.0	44.2	66.7	1950
1951	43.6	46.7	44.2	40.0	108	41.1	40.3	35.0	31.1	28.5	30.5	34.4	43.9	1951
1952	42.0	42.6	41.2	34.4	20.2	30.3	80.2	33.2	40.6	24.0	36.6	34.6	39.2	1952
1953	33.4	26.9	30.3	17.2	16.6	84.0	31.2	29.9	31.7	30.4	32.5	33.3	33.2	1953
1954	35.6	34.0	32.6	23.3	81.5	76.5	36.9	33.2	28.4	27.1	26.2	25.3	38.4	1954
1955	22.4	20.8	22.7	18.7	20.0	25.1	26.7	27.1	30.4	24.4	25.0	23.2	23.9	1955
1956	19.9	22.5	18.7	14.8	11.9	12.1	16.3	20.9	29.6	---	---	---	---	1956
MEAN	27.5	28.4	28.8	24.4	39.7	37.8	31.1	28.0	27.2	26.1	26.2	27.1	29.5	MEAN

LOCATION - LAT 48 33 20 N
LONG 89 35 19 W

DRAINAGE AREA, 3 630 km^2
REGULATED

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	41.3 ON AUG 1	8.76 ON MAY 28	845 000	1922
1923	---	41.8 ON NOV 8	7.90 ON JUN 13	730 000	1923
1924	---	81.5 ON SEP 22	8.38 ON OCT 19	378 000	1924
1925	---	36.0 ON NOV 18	5.15 ON JUL 5	520 000	1925
1926	---	39.68 ON MAR 4	2.78 ON JUL 25 *	588 000	1926
1927	---	155 ON MAY 9	7.58 ON SEP 3	1 480 000	1927
1928	---	61.4 ON OCT 20	8.88 ON JUN 12	825 000	1928
1929	---	35.7 ON AUG 8	5.72 ON APR 14	849 000	1929
1930	---	43.9 ON MAR 9	4.78 ON JUN 22	842 000	1930
1931	---	27.7 ON DEC 2	3.84 ON APR 30	383 000	1931
1932	---	56.1 ON MAY 25	5.72 ON JUL 24	876 000	1932
1933	---	57.2 ON MAY 20	8.60 ON OCT 2	852 000	1933
1934	---	111 ON MAY 24	17.9 ON APR 13	1 110 000	1934
1935	---	81.7 ON MAY 18	12.7 ON APR 30	1 090 000	1935
1936	---	89.9 ON MAY 24	10.8 ON NOV 18	945 000	1936
1937	---	144 ON JUN 6	7.93 ON OCT 31	1 080 000	1937
1938	---	247 ON MAY 7	8.95 ON SEP 25	1 280 000	1938
1939	---	85.1 ON JUL 9	7.33 ON JUN 21	781 000	1939
1940	---	40.2 ON AUG 14	8.57 ON JUN 12	858 000	1940
1941	---	86.9 ON OCT 14	5.81 ON MAY 12	753 000	1941
1942	---	48.2 ON MAY 21	8.09 ON MAY 12	824 000	1942
1943	---	190 ON JUN 17	8.46 ON MAY 24	1 000 000	1943
1944	---	236 ON AUG 16	7.67 ON MAY 2	1 380 000	1944
1945	---	103 ON APR 17	7.59 ON JUN 20	950 000	1945
1946	---	107 ON OCT 31	8.33 ON APR 21	987 000	1946
1947	---	246 ON JUN 12	7.83 ON MAY 16	1 140 000	1947
1948	---	85.7 ON SEP 27	8.88 ON MAY 23	984 000	1948
1949	---	38.6 ON FEB 25	5.85 ON JUN 25	788 000	1949
1950	---	334 ON MAY 22 *	8.51 ON APR 30	1 780 000	1950
1951	---	184 ON MAY 9	17.8 ON APR 22	1 380 000	1951
1952	---	113 ON JUL 18	13.5 ON APR 28	1 240 000	1952
1953	---	122 ON JUN 18	9.71 ON MAY 3	1 080 000	1953
1954	---	132 ON MAY 30	10.6 ON SEP 5	1 210 000	1954
1955	45.3 AT 17:00 CST ON JUL 28	39.8 ON JUL 28	8.41 ON APR 29	734 000	1955
1956	45.9 AT 23:00 CST ON SEP 17 *	40.8 ON SEP 17	8.95 ON MAY 25	---	1956
				932 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	183	178	30.0	52.9	73.2	105	53.8	---	1918
1919	26.9	22.9	20.0	123	227	85.2	21.4	21.7	77.8	90.6	98.9	55.8	73.0	1919
1920	23.8	18.8	18.4	120	308	97.6	42.6	19.7	12.5	20.7	12.3	11.9	58.9	1920
1921	13.8	14.1	17.1	110	170	80.6	49.2	30.9	24.6	42.2	23.0	19.4	48.8	1921
1922	17.6	15.7	14.0	61.1	453	97.4	49.3	25.4	15.8	13.8	18.2	18.4	68.2	1922
1923	18.1	13.1	12.3	34.4	126	72.6	48.1	16.2	71.5	53.3	81.6	32.3	48.4	1923
1924	20.9	15.2	9.17	40.2	167	98.1	34.7	38.1	64.2	33.6	21.8	19.4	45.3	1924
1925	13.9	11.1	16.6	108	187	175	78.8	63.6	22.6	36.1	35.8	34.0	64.0	1925
1926	21.4	13.7	8.35	12.2	156	89.6	155	60.3	66.6	74.3	74.7	69.3	68.3	1926
1927	33.7	21.8	25.6	136	304	119	54.3	39.5	23.5	61.6	47.4	26.2	76.6	1927
1928	26.2	19.0	17.5	45.5	471	239	184	95.3	157	230	178	67.1	144	1928
1929	32.6	24.1	22.2	105	245	168	86.7	40.6	85.0	101	121	31.7	88.5	1929
1930	20.0	17.6	17.7	43.7	348	184	125	33.6	21.2	41.2	44.1	26.3	77.4	1930
1931	17.3	13.3	13.0	83.7	226	78.3	48.5	14.6	27.2	51.6	119	89.7	63.9	1931
1932	35.4	28.2	25.1	55.2	298	74.2	55.6	63.5	78.7	78.6	85.6	37.4	77.4	1932
1933	26.3	20.5	16.6	131	363	125	48.1	31.4	16.2	28.0	46.3	25.1	73.6	1933
1934	17.4	14.3	12.6	21.7	375	144	48.1	22.2	78.0	51.0	83.8	67.2	78.2	1934
1935	27.6	17.6	13.9	81.6	306	173	87.4	58.6	39.7	100	53.2	26.8	82.5	1935
1936	20.2	17.0	14.4	31.6	492	183	46.3	11.7	14.3	29.6	32.2	21.0	76.6	1936
1937	16.0	14.6	14.0	82.2	285	78.6	66.2	68.7	38.3	62.6	76.0	43.1	76.2	1937
1938	20.4	16.6	16.4	207	322	246	72.4	67.6	33.4	20.9	32.6	26.7	82.3	1938
1939	23.6	16.5	13.5	42.1	495	181	66.3	62.6	62.6	66.6	54.6	27.4	86.9	1939
1940	20.2	16.4	13.1	36.5	385	214	87.2	29.2	45.3	45.6	86.6	36.6	82.4	1940
1941	24.5	17.3	14.2	167	344	100	46.6	66.6	163	212	119	86.0	116	1941
1942	46.3	26.3	16.2	166	302	74.4	33.0	20.2	106	152	97.6	41.9	81.9	1942
1943	22.9	17.0	14.2	66.6	266	222	96.9	31.5	20.0	16.7	32.7	22.6	66.4	1943
1944	16.1	11.4	10.0	61.3	292	87.6	33.6	40.6	66.9	96.7	49.6	28.2	87.6	1944
1945	13.4	6.81	49.0	187	124	138	80.6	35.4	36.9	46.7	85.7	44.0	72.2	1945
1946	27.3	17.5	46.7	167	275	145	80.0	32.3	36.4	35.2	66.2	61.7	82.1	1946
1947	32.5	17.0	13.8	23.9	431	330	109	62.2	26.0	16.0	14.6	14.4	80.7	1947
1948	13.2	12.0	11.6	120	214	66.6	42.6	26.1	46.4	32.3	83.4	61.4	63.7	1948
1949	27.0	16.6	14.6	115	303	92.2	29.4	20.6	25.6	32.0	32.2	19.5	60.6	1949
1950	13.7	13.1	13.4	25.6	451	271	144	34.4	20.6	40.4	61.0	44.0	86.0	1950
1951	23.6	16.1	19.4	278	287	81.6	61.4	28.2	23.0	77.4	107	86.6	80.1	1951
1952	23.7	16.6	13.1	161	236	160	99.2	43.1	24.3	26.1	46.1	63.6	76.2	1952
1953	25.6	16.6	19.4	76.0	425	146	69.7	26.6	42.6	46.6	61.4	62.7	63.2	1953
1954	22.6	16.3	19.0	130	372	111	82.2	32.6	26.6	136	101	32.2	90.6	1954
1955	16.3	13.6	10.4	166	166	66.3	26.6	6.40	7.84	80.4	66.4	30.6	64.2	1955
1956	16.3	10.1	12.2	32.6	307	173	106	46.6	77.6	42.6	23.6	21.9	72.7	1956
1957	16.9	13.6	17.4	160	267	86.0	90.6	20.1	46.6	42.6	103	49.7	76.7	1957
1958	22.2	17.0	17.0	124	109	126	66.2	40.6	90.6	92.0	112	62.9	73.2	1958
1959	16.9	14.6	16.3	66.4	306	80.1	26.6	29.0	64.6	113	69.7	34.0	70.6	1959
1960	26.7	22.3	19.4	121	646	116	39.6	44.9	26.3	30.6	49.0	33.6	90.3	1960
1961	17.0	12.3	16.7	103	314	174	147	61.2	152	137	67.4	60.9	107	1961
1962	31.9	20.6	19.9	46.1	346	117	26.6	63.6	193	66.0	66.2	34.6	63.6	1962
1963	16.7	14.6	12.4	60.2	211	174	61.6	66.2	66.7	43.3	66.7	67.7	66.7	1963
1964	20.2	16.9	16.1	141	322	156	91.3	66.9	76.2	142	103	61.7	101	1964
1965	30.6	21.1	17.6	62.7	366	97.4	66.0	64.3	63.3	131	61.2	62.0	64.6	1965
1966	33.7	26.1	24.6	117	321	131	46.6	66.1	41.4	162	61.6	64.0	66.6	1966
1967	36.6	26.6	26.6	260	366	133	61.6	46.0	16.7	66.3	66.6	24.3	60.7	1967
1968	16.6	17.2	17.3	266	166	144	161	66.4	76.7	142	61.6	63.6	102	1968
1969	32.7	26.7	22.6	163	326	107	67.6	63.3	66.6	61.4	76.0	64.3	62.7	1969
1970	16.1	11.6	6.66	47.6	236	136	67.6	46.6	41.6	43.1	46.6	66.2	63.7	1970
1971	21.1	16.6	16.6	63.6	336	122	63.4	21.7	26.4	41.6	66.1	46.2	73.0	1971
1972	26.3	17.6	17.0	46.1	316	163	66.6	64.6	63.6	76.7	46.7	27.6	76.1	1972
1973	20.6	16.2	66.1	176	243	101	66.4	63.6	67.3	61.6	66.3	26.6	64.6	1973
1974	16.1	16.4	17.6	64.6	367	143	61.7	46.3	64.2	63.6	76.4	24.3	77.6	1974
1975	16.6	16.6	14.0	67.6	217	126	26.6	6.11	7.76	16.6	66.6	37.6	66.0	1975
1976	22.4	16.6	13.4	266	227	62.3	66.7	20.6	16.6	16.4	12.6	6.61	66.0	1976
1977	6.19	6.66	6.71	196	142	63.3	62.3	11.0	76.6	71.4	76.4	66.4	66.6	1977
1978	16.3	16.2	16.2	17.6	266	163	112	66.0	66.1	103	66.6	26.3	76.3	1978
1979	16.6	16.6	17.4	136	606	206	66.0	66.0	46.2	116	62.6	66.0	107	1979
1980	26.6	17.6	16.1	126	221	107	61.6	16.6	20.3	66.6	66.6	21.1	66.6	1980
1981	16.6	16.6	17.7	176	296	66.6	66.3	7.66	6.24	26.6	62.1	17.0	61.6	1981
1982	12.6	16.6	16.6	64.6	276	66.6	67.6	26.2	66.6	166	136	66.6	76.4	1982
1983	26.6	16.2	26.6	76.2	416	236	76.6	61.6	62.2	61.6	66.7	62.6	66.6	1983
1984	26.6	16.6	16.6	162	166	126	126	66.6	66.6	66.6	66.6	66.6	66.6	1984
1985	26.4	16.3	16.6	136	246	66.6	66.6	62.6	16.6	66.6	66.4	66.4	66.3	1985
1986	16.6	16.1	16.6 R	166 R	166 R	66.6R	26.6R	26.6 R	66.1 R	66.6R	66.6R	66.6 R	66.6R	1986
1987	26.4	16.6	16.6	136	66.6	62.6	66.6	66.6	66.6	66.6	66.6	66.6 R	66.6R	1987
1988	16.6	16.6	16.6	126	266	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	1988
MEAN	22.6	16.6	16.6 R	166 R	266 R	126 R	66.6R	66.6 R	66.6 R	66.6R	66.6R	66.6 R	66.6R	MEAN

LOCATION - LAT 49 25 04 N
LONG 82 26 16 W

DRAINAGE AREA, 6 780 km²
REGULATED

DATA CONTRIBUTED BY - SPRUCE FALLS POWER AND PAPER COMPANY

R - REVISED SINCE JAN 01 1987

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	285 ON MAY 25	14.0 ON AUG 6	2 300 000	1919
1920	---	425 ON MAY 9	9.91 ON SEP 14	1 880 000	1920
1921	---	377 ON APR 27	12.5 B ON JAN 1	1 570 000	1921
1922	---	963 ON MAY 9 *	13.1 ON OCT 3	2 080 000	1922
1923	---	213 ON MAY 5	7.80 ON OCT 14	1 480 000	1923
1924	---	239 ON MAY 27	0.2838 ON MAR 3	1 430 000	1924
1925	---	388 ON APR 25	1.02 ON SEP 20	2 020 000	1925
1926	---	286 ON JUL 21	2.18 ON APR 18	2 080 000	1926
1927	---	487 ON APR 21	1.81 ON SEP 17	2 420 000	1927
1928	---	680 ON MAY 11	0.7088 ON MAR 11	4 540 000	1928
1929	---	362 ON MAY 30	21.9 B ON MAR 21	2 780 000	1929
1930	---	588 ON MAY 8	9.20 ON SEP 14	2 440 000	1930
1931	---	331 ON MAY 11	0 ON AUG 18 *	2 010 000	1931
1932	---	422 ON MAY 11	2.27 ON SEP 12	2 450 000	1932
1933	---	473 ON MAY 14	0 E ON SEP 16	2 320 000	1933
1934	---	586 ON MAY 11	2.27 ON AUG 25	2 480 000	1934
1935	---	473 ON MAY 10	13.9 E ON MAR 1	2 800 000	1935
1936	---	788 ON MAY 14	2.27 ON AUG 8	2 420 000	1936
1937	---	580 ON MAY 3	14.0 B ON MAR 1	2 400 000	1937
1938	---	580 ON APR 28	3.26 ON MAR 13	2 810 000	1938
1939	---	789 ON MAY 9	0 E ON FEB 5	3 020 000	1939
1940	---	488 ON MAY 17	1.42 ON JAN 7	2 800 000	1940
1941	---	680 ON MAY 5	3.82 ON APR 6	3 820 000	1941
1942	---	501 ON APR 26	0.708 ON AUG 23	2 900 000	1942
1943	---	445 ON MAY 7	0.708 ON MAR 7	2 180 000	1943
1944	---	484 ON MAY 5	1.42 ON FEB 6	2 140 000	1944
1945	---	348 ON APR 13	2.27 ON MAR 11	2 270 000	1945
1946	---	803 ON MAY 26	7.93 ON MAR 3	2 580 000	1946
1947	---	601 ON MAY 19	4.39 ON FEB 2	2 880 000	1947
1948	---	485 ON APR 29	4.30 ON APR 4	2 010 000	1948
1949	---	513 ON MAY 3	4.90 ON FEB 27	1 920 000	1949
1950	---	810 ON MAY 27	8.54 ON JAN 4	3 000 000	1950
1951	---	549 ON MAY 2	14.2 ON FEB 10	2 840 000	1951
1952	---	402 ON APR 24	0.057 ON MAR 8	2 370 000	1952
1953	---	603 ON MAY 9	12.6 ON SEP 9	2 830 000	1953
1954	---	559 ON MAY 2	1.42 ON SEP 16	2 870 000	1954
1955	---	416 ON APR 22	1.05 ON SEP 5	1 710 000	1955
1956	---	490 ON MAY 18	2.27 ON FEB 26	2 300 000	1956
1957	---	620 ON APR 27	3.99 ON AUG 22	2 350 000	1957
1958	---	280 ON APR 22	12.6 ON AUG 7	2 310 000	1958
1959	---	660 ON MAY 7	1.84 ON AUG 13	2 220 000	1959
1960	---	719 ON MAY 17	11.6 ON SEP 3	2 850 000	1960
1961	---	524 ON MAY 16	11.4 B ON FEB 1	3 360 000	1961
1962	---	455 ON MAY 6	17.8 ON MAR 11	2 630 000	1962
1963	---	314 ON JUN 22	0.8218 ON MAR 26	2 070 000	1963
1964	---	564 ON MAY 1	15.3 ON APR 2	3 190 000	1964
1965	---	478 ON MAY 17	13.2 ON APR 2	2 670 000	1965
1966	---	478 ON MAY 20	19.3 ON SEP 28	3 020 000	1966
1967	---	524 ON MAY 9	2.97 ON OCT 1	2 860 000	1967
1968	---	558 ON APR 24	7.78 ON JAN 28	3 220 000	1968
1969	---	518 ON MAY 6	0 ON JUN 11	2 810 000	1969
1970	---	445 ON MAY 2	6.68 ON FEB 17	2 810 000	1970
1971	---	405 ON MAY 14	10.6 ON FEB 23	2 300 000	1971
1972	---	428 ON MAY 14	9.51 ON APR 13	2 470 000	1972
1973	---	450 ON MAY 9	13.5 ON FEB 26	2 660 000	1973
1974	---	439 ON MAY 15	6.94 ON APR 15	2 480 000	1974
1975	---	385 ON MAY 2	0 ON AUG 11	1 540 000	1975
1976	---	629 ON APR 23	0 ON NOV 25	1 840 000	1976
1977	---	467 ON APR 22	0.851 ON JAN 19	1 880 000	1977
1978	---	674 ON MAY 15	1.56 ON APR 2	2 500 000	1978
1979	---	813 ON MAY 11	6.24 ON FEB 22	3 380 000	1979
1980	---	571 ON MAY 1	2.73 ON SEP 17	1 880 000	1980
1981	---	558 ON MAY 6	0.823 ON JAN 20	1 940 000	1981
1982	---	537 ON MAY 5	4.82 ON JAN 24	2 410 000	1982
1983	---	484 ON MAY 15	12.9 ON FEB 18	3 040 000	1983
1984	---	307 ON MAY 2	7.38 ON SEP 15	2 120 000	1984
1985	---	548 ON APR 28	8.97 ON MAR 19	2 090 000	1985
1986	---	411R ON APR 29	8.50 ON FEB 23	1 840 000R	1986
1987	---	280 ON APR 20	8.00 ON SEP 8	1 380 000	1987
1988	---	424 ON MAY 4	8.00 ON MAR 8	2 470 000	1988
				2 430 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	---	---	3.97	3.33	3.85	---	1951
1952	2.78	2.92	2.84	2.55	1.35	0.846	4.02	1.78	1.72	0.781	1.15	3.50	2.11	1952
1953	2.53	2.70	1.84	2.95	2.55	12.6	5.23	0.784	2.83	2.47	1.72	1.89	3.32	1953
1954	2.71	3.44	1.51	1.86	14.2	13.8	2.81	0.736	0.736	0.813	0.850	1.40	3.77	1954
1955	1.65	2.28	2.21	2.53	0.939	1.18	1.18	1.06	0.787	1.45	1.77	2.58	1.62	1955
1956	3.09	2.81	1.76	1.66	6.18	6.71	2.38	1.00	0.142	0.425	1.18	2.58	2.50	1956
1957	2.10	1.56	1.39	2.28	3.17	3.93	3.83	0.644	0.283	0.841	2.08	2.80	2.08	1957
1958	2.72	2.30	2.17	1.03	0.808	2.53	2.10	0.703	0.297	0.474	0.673	2.50	1.84	1958
1959	2.71	3.18	1.42	1.01	2.41	3.40	2.30	1.46	2.38	1.80	1.63	2.54	2.07	1959
1960	2.55	1.88	1.35	0.707	1.37	1.36	0.677	0.221	1.81	1.53	2.15	2.41	1.50	1960
1961	2.81	2.43	2.08	1.28	3.78	3.64	2.12	0.737	3.33	1.94	2.09	1.67	2.32	1961
1962	2.38	3.00	2.78	1.04	2.48	4.99	2.98	4.52	1.57	1.33	0.856	1.10	2.42	1962
1963	1.48	1.32	1.04	0.550	1.25	8.26	3.16	1.86	1.24	0.431	0.600	0.085	1.83	1963
1964	0.735	2.61	2.82	1.19	8.14	11.4	9.20	1.81	1.78	2.35	2.44	2.81	3.72	1964
1965	1.34	0.481	0.148	1.98	4.88	8.00	2.88	0.881	2.27	4.35	2.21	3.85	2.79	1965
1966	3.42	2.08	2.80	4.32	7.15	6.27	2.08	1.14	2.00	0.585	0	0.044	2.63	1966
1967	3.69	5.16	2.98	0.953	5.08	2.86	1.19	6.17	0.787	0.554	0.771	1.88	2.58	1967
1968	1.55	2.47	4.34	0.147	12.6	13.7	11.2	3.88	1.83	1.85	2.82	1.70	4.81	1968
1969	1.07	0.885	2.21	2.73	6.26	3.24	2.11	0.068	0.057	0.080	0.112	0.816	1.84	1969
1970	2.89	4.85	4.82	0.248	12.1	15.8	3.78	0.378	0.180	2.23	7.01	4.24	4.88	1970
1971	3.63	3.62	3.38	3.25	9.68	8.72	0.970	1.44	0.772	4.29	12.2	5.26	4.75	1971
1972	3.60	2.37	3.07	3.10	5.47	3.48	3.85	1.73	0.722	0.594	0.642	0.595	2.35	1972
1973	0.756	2.73	3.22	2.97	4.33	1.06	2.54	3.07	3.85	3.33	4.31	3.43	2.84	1973
1974	2.02	1.78	1.39	2.59	9.24	10.4	3.04	0.370	2.43	5.11	3.86	2.88	3.74	1974
1975	2.29	1.34	0.930	1.89	5.20	2.45	1.98	0.877	0.920	0.231	0.229	0.377	1.63	1975
1976	2.29	3.88	2.75	4.18	4.75	1.25	1.98	0.142	0.142	0.142	0.142	0.142	1.82	1976
1977	0.142	1.40	1.33	0.283	0.339	1.50	3.61	0.497	12.3	11.9	8.11	4.09	3.67	1977
1978	3.08	2.00	1.31	1.08	4.29	7.90	1.23	0	0.087	1.84	1.76	0	2.04	1978
1979	2.78	2.48	1.34	1.30	11.4	4.42	3.44	2.81	0	0	1.81	3.04	2.91	1979
1980	3.32	4.17	3.25	1.38	0.833	1.08	0.500	0.500	5.28	5.45	1.85	2.14	2.83	1980
1981	4.83	5.16	3.28	2.90	10.7	8.27	3.15	1.80	0.180	0.180	0.425	5.30	3.89	1981
1982	7.16	7.65	1.24	1.34	10.1	3.52	13.9	2.14	1.60	5.30	5.85	5.84	5.58	1982
1983	4.48	3.22	3.70	1.78	2.82	14.0	12.1	8.31	0.457	1.34	2.35	4.89	4.81	1983
1984	6.93	5.22	3.84	1.29	11.0	8.55	5.01	1.29	1.78	1.74	0.881	4.58	4.34	1984
1985	4.21	6.82	5.42	3.48	4.28	7.80	5.50	2.13	7.83	11.6	6.23	4.98	5.95	1985
1986	3.77	3.46	7.24	4.45	30.4	5.98	4.35	2.84	1.94	1.80	3.04	4.77	5.38	1986
1987	3.73	4.43	2.07	0	0	0	0	2.80	8.21	---	3.28	2.85	---	1987
1988	3.75	2.98	4.06	0.590	0.936	---	1.47	13.6	11.8	2.77	5.47	6.85	---	1988
MEAN	2.89	3.01	2.55	1.83	5.89	5.95	3.68	1.95	2.22	2.39	2.82	2.77	3.09	MEAN

LOCATION - LAT 48 39 26 N
LONG 90 25 03 W

DRAINAGE AREA, 526 km²
REGULATED SINCE 1953

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	7.53R ON JUL 9	0.227R ON AUG 28	86 600	1952
1953	---	14.1 R ON JUN 23	0 ON MAR 25 *	105 000	1953
1954	---	18.0 R ON MAY 23	0.708R ON OCT 6	119 000	1954
1955	---	4.13R ON APR 21	0.453 ON MAY 7	61 200	1955
1956	---	11.2 ON JUN 1	0.142R ON AUG 18	78 800	1956
1957	---	8.18R ON JUN 27	0.283R ON AUG 14	85 700	1957
1958	---	3.91R ON JUN 20	0.057R ON APR 11	48 600	1958
1959	---	5.68R ON JUN 14	0 ON APR 18	85 200	1959
1960	---	3.85 ON JAN 1	0.142 ON AUG 1	47 500	1960
1961	---	7.19 ON MAY 28	0 R ON MAY 14	73 200	1961
1962	---	8.84 ON AUG 13	0 ON APR 22	76 200	1962
1963	---	12.7 ON JUN 18	0 ON OCT 16	67 700	1963
1964	---	18.3 R ON JUN 27	0.085 ON JAN 1	116 000	1964
1965	---	14.9 R ON MAY 28	0.085R ON MAR 12	88 100	1965
1966	---	12.3 R ON MAY 27	0 R ON JUN 23	82 700	1966
1967	---	6.33R ON AUG 5	0 ON APR 28	80 800	1967
1968	---	18.6 ON JUN 19	0.142 ON MAR 31	102 000	1968
1969	---	6.36 ON MAY 19	0.057R ON AUG 12	61 700	1969
1970	---	19.8 ON MAY 31	0.085R ON AUG 15	154 000	1970
1971	---	14.7 R ON NOV 6	0.538 ON AUG 28	150 000	1971
1972	---	7.73R ON JUN 21	0.398R ON NOV 3	74 400	1972
1973	---	8.88 ON NOV 10	0.255R ON JUN 15	92 800	1973
1974	---	13.3 ON MAY 25	0.142R ON AUG 26	118 000	1974
1975	---	7.14R ON JUN 30	0.170R ON OCT 15	48 200	1975
1976	---	8.50R ON APR 28	0.142R ON JUL 31	87 300	1976
1977	---	15.3 ON SEP 11	0.142 ON JAN 1	113 000	1977
1978	---	12.6 ON JUN 8	0 ON JUL 30	84 200	1978
1979	---	17.0 ON MAY 20	0 ON JUN 15	91 800	1979
1980	---	12.0 ON SEP 24	0.200E ON MAY 1	80 000	1980
1981	---	17.7 ON MAY 8	0.150E ON SEP 1	118 000	1981
1982	---	18.3 ON JUL 19	0 ON JUN 8	178 000	1982
1983	---	18.1 ON JUL 8	0 ON APR 15	152 000	1983
1984	---	15.3 ON MAY 13	0 ON APR 13	137 000	1984
1985	---	17.8 ON SEP 21	0 ON APR 24	158 000	1985
1986	---	25.7 ON MAY 5 *	0 ON APR 19	158 000	1986
1987	---	7.90 ON AUG 29	0 ON MAR 24	---	1987
1988	---	24.1 ON AUG 25	0 ON APR 7	---	1988
				97 400	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO. 02HC038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.018	0.002	0.002	0.003	0.008	0.008	---	1974
1975	0.033	0.087	0.055	0.079	0.020	0.004	0	0	0.001	0.002	0.005	0.008	0.023	1975
1976	0.005	0.125	0.196	0.050	0.039	0.009	---	---	---	---	---	---	---	1976
MEAN	0.014	0.106	0.126	0.065	0.030	0.007	0.008	0.001	0.002	0.003	0.007	0.008	0.023	MEAN

LOCATION - LAT 43 55 07 N LONG 79 13 34 W DRAINAGE AREA, 3.63 km² NATURAL FLOW

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO. 02HC038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	5.47 AT 19:21 EST ON FEB 24	1.68 ON FEB 24	0 ON JUN 25 *	734	1975
1976	7.69 AT 16:06 EST ON MAR 20 *	2.05 ON MAR 20 *	0.002 ON JUN 12	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		734	MEAN

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	5.22	4.19	---	1967
1968	3.84	3.53	3.53	14.8	57.8	54.3	40.5	31.4	24.3	34.9	25.5	11.6	25.6	1968
1969	5.59	4.78	3.92	16.9	34.4	58.0	39.0	26.5	41.0	48.0	23.3	12.9	26.5	1969
1970	7.98	5.80	4.55	5.41	33.3	35.4	34.9	28.2	33.0	25.9	22.5	11.6	20.8	1970
1971	7.84	5.00	5.14	19.5	47.3	22.0	17.3	20.8	6.74	19.1	31.8	14.4	18.2	1971
1972	8.35	5.79	4.56	5.78	40.9	18.1	15.2	17.4	26.4	33.9	18.8	10.3	17.3	1972
1973	5.63	5.03	4.55	10.7	24.4	16.7	26.0	39.3	34.7	22.4	15.1	8.83	18.0	1973
1974	8.71	5.26	4.55	5.64	58.7	81.3	22.8	28.1	39.4	22.5	14.9	10.8	25.2	1974
1975	7.77	5.56	4.44	5.75	45.2	29.1	19.2	36.2	15.9	9.41	11.0	5.94	16.5	1975
1976	6.04	4.54	3.88	16.3	24.4	12.7	8.66	3.11	4.49	4.87	3.61	2.89	7.71	1976
1977	2.27	1.90	1.83	12.6	31.7	22.8	33.3	19.8	27.4	17.2	8.98	6.02	15.6	1977
1978	4.35	3.51	2.82	3.84	37.6	44.6	18.4	25.8	17.5	11.6	10.8	6.07	15.6	1978
1979	4.16	2.83	2.91	11.1	44.6	23.2	25.1	32.0	52.2	31.9	37.3	11.0	23.3	1979
1980	5.19	3.32	2.55	8.95	19.0	7.73	5.59	4.13	17.3	19.4	8.64	4.55	8.87	1980
1981	3.78	3.17	2.91	4.28	22.5	15.9	7.59	3.16	2.41	2.68	3.77	3.47	6.32	1981
1982	3.10	2.90	2.93	4.20	51.8	31.2	13.9	11.2	9.12	15.9	10.7	5.81	13.7	1982
1983	4.59	3.71	3.18	4.60	10.7	10.5	28.2	6.05	4.16	7.04	7.54	6.00	8.15	1983
1984	5.09	4.35	3.71	14.9	24.4	25.9	8.66	5.04	4.03	5.89	6.71	7.01	9.62	1984
1985	5.85	4.10	3.18	20.1	80.8	34.7	30.5	25.8	30.5	35.4	16.1	9.13	24.8	1985
1986	4.99	3.85	3.17	13.8	36.9	10.4	8.58R	5.31R	4.29R	10.1 R	7.50R	5.81R	9.59R	1986
1987	4.32	3.63	3.17	12.7	15.3	14.7	7.43	8.96	8.26	5.62	5.14	4.42	7.97	1987
1988	3.78	3.14	2.67	3.81	10.7	16.0	21.1	10.8	16.5	18.8	11.5	7.56	10.5	1988
MEAN	5.33	4.12	3.53	10.3	35.9	27.9	20.8 R	18.7 R	20.1 R	19.2 R	13.9 R	7.76R	15.7 R	MEAN

LOCATION - LAT 51 38 40 N LONG 89 53 30 W DRAINAGE AREA, 1 540 km² REGULATED R - REVISED SINCE JAN 01 1987

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	95.7 ON MAY 20	3.31B ON FEB 24	809 000	1968
1969	84.1 AT 09:00 EST ON JUN 7	83.8 ON JUN 7	3.85B ON APR 2	835 000	1969
1970	73.3 AT 12:58 EST ON JUL 18	72.2 ON JUL 18	3.05 ON APR 21	857 000	1970
1971	57.5 AT 07:08 EST ON MAY 8	57.2 ON MAY 8	4.79 ON SEP 25	575 000	1971
1972	48.4 AT 19:50 EST ON MAY 21	48.1 ON MAY 21	4.02B ON APR 9	549 000	1972
1973	51.8 AT 06:11 EST ON AUG 12	51.5 ON AUG 12	3.43 ON APR 13	569 000	1973
1974	102 AT 08:50 EST ON MAY 27	102 ON MAY 27	4.18B ON APR 11	795 000	1974
1975	60.0 AT 13:30 EST ON MAY 9	58.8 ON MAY 9	3.94B ON APR 10	520 000	1975
1976	33.4 AT 03:55 EST ON MAY 1	32.6 ON MAY 1	2.17 ON AUG 25	244 000	1976
1977	61.4 AT 14:55 EST ON JUL 21	61.2 ON JUL 21	1.78B ON MAR 16 *	481 000	1977
1978	54.4 AT 12:10 EST ON JUN 13	54.1 ON JUN 13	2.50B ON APR 14	488 000	1978
1979	74.9 AT 16:13 EST ON SEP 8	73.5 ON SEP 8	2.45B ON MAR 17	734 000	1979
1980	25.2 AT 11:35 EST ON MAY 1	25.1 ON APR 30	2.25B ON APR 8	281 000	1980
1981	29.1 AT 07:27 EST ON MAY 8	29.0 ON MAY 8	2.29 ON SEP 25	189 000	1981
1982	70.4 AT 16:47 EST ON MAY 21	69.8 ON MAY 21	2.79B ON MAR 10	431 000	1982
1983	54.3 AT 14:16 EST ON JUL 6	53.7 ON JUL 6	3.02B ON APR 7	257 000	1983
1984	40.0 AT 16:31 EST ON JUN 10	38.2 ON JUN 10	2.95 ON SEP 7	304 000	1984
1985	108 AT 16:21 EST ON MAY 14 *	107 ON MAY 14 *	2.80B ON APR 6	783 000	1985
1986	48.5 AT 11:50 EST ON MAY 13	47.6 ON MAY 13	3.02B ON MAR 26	302 000R	1986
1987	27.4 AT 13:53 EST ON JUN 12	27.0 ON JUN 12	3.08B ON MAR 29	261 000	1987
1988	---	27.0 ON JUL 16	2.45B ON MAR 29	333 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		496 000R	MEAN

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	1.39	1.62	3.62	32.5	4.42	0.557	0.277	0.368	0.208	0.777	5.71	4.40	4.70	1970
1971	3.79	2.72	5.91	40.5	5.66	0.356	0.184	0.091	0.052	0.032	0.030	1.64	5.18	1971
1972	1.31	1.17	1.07	34.4	7.59	3.48	4.03	1.50	0.471	2.26	8.42	8.12	5.85	1972
1973	7.63	8.73	25.2	12.8	7.47	3.36	0.487	0.137	0.048	0.292	1.62	5.33	5.83	1973
1974	8.32	5.03	12.4	26.6	9.19	1.43	0.526	0.116	0.055	0.043	0.712	3.68	5.68	1974
1975	5.66	2.15	12.7	21.6	2.22	0.273	0.087	0.037	0.044	1.34	3.88	5.40	4.62	1975
1976	1.93	5.66	25.0	15.7	8.06	2.06	1.62	1.44	0.880	3.42	3.76	1.24	5.02	1976
1977	0.838	0.817	27.6	11.8	1.96	0.387	0.120	0.047	0.038	2.80	5.01	8.06	4.88	1977
1978	9.17	7.03	8.20	35.4	2.44	0.450	0.045	0.030	0.025	0.028	0.119	0.378	5.05	1978
1979	1.24	1.13	22.2	14.7	2.82	0.779	0.122	0.077	0.248	1.58	4.43	8.71	4.85	1979
1980	3.15	0.492	15.6	20.2	5.81	0.387	0.141	0.132	0.147	1.24	5.18	6.75	4.98	1980
1981	1.28	20.2	8.67	4.57	3.86	3.21	1.83	4.22	8.72	8.21	8.81	3.41	5.38	1981
1982	2.06	1.35	8.16	28.8	1.98	2.71	1.03	1.01	1.47	0.823	5.07	8.57	5.25	1982
1983	3.85	3.80	12.5	17.0	10.7	1.38	0.202	0.040	0.014	0.080	5.48	11.2	5.50	1983
1984	2.43	11.3	7.48	24.8	5.08	1.48	0.152	0.088	0.052	0.035	0.051	0.213	4.36	1984
1985	0.507	1.01	17.5	10.7	1.47	0.472	0.427	0.110	0.048	0.463	5.13	3.37	3.44	1985
1986	3.74	2.71	11.9	11.2	5.26	3.85	2.27	8.06	4.39	12.4	8.87	8.05	6.86	1986
1987	3.84	1.64	13.8	12.7	1.72	1.15	0.285	0.056	0.088	0.441	2.84	12.3	4.28	1987
1988	1.47	2.13	8.40	12.9	4.25	0.487	0.083	0.032	0.042	1.01	8.84	2.04	3.64	1988
MEAN	3.33	4.12	13.0	20.5	4.89	1.49	0.729	0.378	0.801	1.87	4.44	5.32	5.13	MEAN

LOCATION - LAT 44 59 38 N
LONG 75 39 46 W
DRAINAGE AREA, 409 km²
REGULATED SINCE 1951

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	72.2 AT 11:35 EST ON APR 11	69.7 ON APR 11	0.110 ON SEP 24	148 000	1970
1971	78.2 AT 20:35 EST ON APR 18	76.5 ON APR 18	0.018 ON NOV 4	163 000	1971
1972	81.6 AT 16:15 EST ON APR 17 *	80.1 ON APR 18 *	0.082 ON SEP 23	188 000	1972
1973	---	53.5 ON MAR 19	0.040 ON SEP 18	167 000	1973
1974	59.2 AT 20:15 EST ON APR 8	55.9 ON APR 8	0.034 ON OCT 11	178 000	1974
1975	47.6 AT 02:40 EST ON APR 21	47.3 ON APR 21	0.022 ON SEP 8	148 000	1975
1976	74.2 AT 02:45 EST ON MAR 30	72.6 ON MAR 30	0.438 ON AUG 17	160 000	1976
1977	80.1 AT 21:51 EST ON MAR 18	78.3 ON MAR 18	0.024 ON JUL 28	157 000	1977
1978	66.5 AT 18:19 EST ON APR 13	64.8 ON APR 14	0.020 ON SEP 8	159 000	1978
1979	50.38 AT 17:20 EST ON MAR 25	49.58 ON MAR 25	0.063 ON SEP 13	163 000	1979
1980	---	55.68 ON MAR 25	0.071 ON SEP 8	157 000	1980
1981	---	57.68 ON FEB 24	0.302 ON JUL 30	201 000	1981
1982	73.7 AT 05:27 EST ON APR 4	73.0 ON APR 4	0.247 ON AUG 18	186 000	1982
1983	32.4 AT 23:25 EST ON MAR 20	31.3 ON MAR 20	0.007 ON SEP 15 *	173 000	1983
1984	55.6 AT 10:35 EST ON APR 7	55.3 ON APR 7	0.020E ON OCT 2	136 000	1984
1985	33.2 AT 09:30 EST ON MAR 15	31.8 ON MAR 15	0.032 ON SEP 17	109 000	1985
1986	43.2 AT 07:10 EST ON MAR 30	42.5 ON MAR 30	0.782 ON MAY 10	217 000	1986
1987	46.6 AT 20:19 EST ON MAR 27	46.6 ON MAR 27	0.022 ON SEP 7	134 000	1987
1988	---	38.1 ON MAR 28	0.013 ON SEP 15	112 000	1988
				162 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1.15	1.38	0.853	0.157	0.082	0.097	0.051	0.041	0.081	0.184	---	1961
1962	0.140	0.228	3.27	0.578	0.198	0.239	0.081	0.161	0.123	0.426	1.12	1.06	0.841	1962
1963	0.155	0.124	4.12	1.04	0.478	0.121	0.045	0.032	0.031	0.029	0.051	0.044	0.528	1963
1964	0.170	0.138	2.04	1.74	0.498	0.091	0.057	1.03	0.280	0.093	0.104	0.557	0.589	1964
1965	1.01	3.75	1.91	3.58	0.423	0.077	0.034	0.018	0.031	0.101	0.204	4.58	1.30	1965
1966	0.623	1.37	2.59	1.26	0.606	0.202	0.036	0.049	0.049	0.065	0.417	2.23	0.781	1966
1967	1.33	1.13	3.11	3.82	0.900	0.258	0.476	0.115	0.057	0.266	1.05	3.52	1.35	1967
1968	0.537	4.30	3.40	0.830	0.200	0.382	0.111	0.035	0.078	0.100	0.258	1.35	0.880	1968
1969	2.99	2.38	2.33	2.12	0.898	0.207	0.058	0.038	0.024	0.060	0.489	0.332	0.942	1969
1970	0.330	0.882	4.95	1.78	0.227	0.074	0.041	0.028	0.027	0.035	0.045	0.203	0.726	1970
1971	0.591	0.181	8.60	2.84	0.798	0.253	0.709	1.22	0.112	0.488	1.28	1.44	1.39	1971
1972	2.03	1.15	4.71	1.41	0.860	0.238	0.158	0.085	0.040	0.085	1.25	1.44	1.11	1972
1973	1.84	1.33	2.23	1.83	1.67	0.408	0.260	0.058	0.053	0.088	0.398	0.443	0.896	1973
1974	1.26	1.84	2.80	1.82	0.475	0.832	0.115	0.380	0.818	0.382	0.589	1.18	1.03	1974
1975	0.590	4.31	4.42	1.38	1.48	0.304	0.088	0.339	0.137	0.203	0.339	0.245	1.19	1975
1976	0.089	0.113	4.47	1.44	0.228	0.138	0.172	0.238	1.38	1.17	0.848	3.23	1.14	1976
1977	0.441	0.300	4.14	3.59	0.830	0.143	0.080	0.050	0.361	0.318	0.488	0.734	0.838	1977
1978	1.11	0.804	4.38	4.08	0.718	0.152	0.077	0.499	0.178	0.488	1.59	2.88	1.38	1978
1979	0.765	0.288	3.08	2.79	0.805	0.208	0.310	0.183	0.087	0.328	0.288	0.781	0.830	1979
1980	0.145	3.84	0.843	1.22	0.514	0.308	0.094	1.38	2.51	1.87	0.778	0.838	1.17	1980
1981	0.650	0.175	5.86	3.78	0.823	1.28	0.228	0.248	0.248	0.242	1.86	4.77	1.88	1981
1982	0.847	1.78	1.25	1.88	1.88	0.448	0.854	4.06	0.385	0.432	0.881	2.27	1.41	1982
1983	0.345	5.28	3.12	2.13	0.848	1.48	0.278	0.088	0.208	0.122	0.581	1.58	1.30	1983
1984	1.05	3.84	5.40	2.20	0.218	0.118	0.142	0.111	0.581	1.18	4.14	1.43	1.88	1984
1985	1.28	0.718	3.88	1.19	0.881	0.371	0.221	0.214	0.408	1.88	0.841	1.81	1.14	1985
1986	0.803	0.323	2.58	2.32	0.198	0.148	0.817	0.080	0.051	0.103	0.420	1.78	0.784	1986
1987	0.280	0.838	1.78	1.14	0.511	0.084	0.874	0.778	0.128	0.838	2.08	1.10	0.822	1987
1988	0.828	1.58	3.34	2.08	0.887	0.313	0.248	0.428	0.312	0.613	0.838	1.88	1.07	1988
MEAN														MEAN

LOCATION - LAT 43 05 57 N
LONG 80 29 18 W
DRAINAGE AREA, 81.8 km²
NATURAL FLOW

KENNY CREEK NEAR BURFORD - STATION NO. 02GB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	15.0 B ON MAR 13	0.011 ON JUL 10	20 200	1962
1963	---	13.6 ON MAR 28	0.020 ON JUL 11	16 800	1963
1964	---	7.73 ON APR 7	0.026 ON JUL 29	18 000	1964
1965	---	29.7 ON DEC 24	0 ON JUL 28 *	41 000	1965
1966	---	12.6 ON DEC 8	0.003 ON JUL 12	24 900	1966
1967	---	21.2 ON APR 3	0.040 ON JUN 27	42 800	1967
1968	---	36.6 ON FEB 2	0.028E ON AUG 14	30 400	1968
1969	---	42.5 B ON JAN 30 *	0.014 ON JUL 25	31 000	1969
1971	---	15.8 ON MAR 16	0.003 ON JUL 23	22 800	1971
1972	---	20.6 A ON MAR 4	0.068 ON JUL 31	43 800	1972
1973	25.5 AT 23:51 EST ON MAR 11	15.0 ON MAR 12	0.025 ON SEP 16	35 000	1973
1974	32.0 AT 11:19 EST ON APR 4	15.1 ON APR 4	0.037 ON SEP 9	28 300	1974
1975	22.7A AT 05:05 EST ON FEB 25	14.7 A ON FEB 25	0.051 ON AUG 2	32 600	1975
1976	53.5 AT 22:35 EST ON MAR 5	26.6 ON MAR 5	0.078 ON SEP 9	37 700	1976
1977	36.2 AT 11:33 EST ON MAR 13	23.7 ON MAR 13	0.040 ON JUL 31	35 800	1977
1978	36.6 AT 11:39 EST ON MAR 24	23.4 ON MAR 24	0.020 ON JUL 19	29 600	1978
1979	54.5 AT 10:15 EST ON APR 14	36.0 ON APR 14	0.023 ON JUL 24	43 400	1979
1980	42.5 AT 16:57 EST ON MAR 21	19.6 ON MAR 21	0.058 ON AUG 28	26 200	1980
1981	63.6 AT 23:16 EST ON AUG 30 *	27.6 ON AUG 31	0.026 ON JUL 27	36 700	1981
1982	41.5 AT 12:40 EST ON MAR 31	30.2 ON APR 1	0.113B ON FEB 13	53 200	1982
1983	31.9 AT 02:20 EST ON AUG 1	25.0 ON AUG 1	0.023 ON JUL 28	44 400	1983
1984	28.9 AT 16:11 EST ON FEB 14	19.8 ON FEB 14	0.015 ON AUG 27	41 100	1984
1985	58.5 AT 01:32 EST ON FEB 25	38.7 ON FEB 25	0.033 ON AUG 6	53 200	1985
1986	26.0 AT 20:06 EST ON MAR 19	15.7 ON MAR 20	0.061 ON SEP 8	35 900	1986
1987	18.0 AT 21:16 EST ON APR 5	12.8 ON MAR 8	0.028 ON AUG 24	24 700	1987
1988	---	17.4 ON JUL 31	0 ON JUL 5	26 000	1988
				33 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	41.0	31.5	22.7	14.9	216	144	90.4	3.06	2.76	2.12	1.89	1.81	47.9	1939
1940	1.16	3.06	26.7	2.97	48.5	80.6	44.9	13.2	11.7	8.21	18.6	0.387	20.3	1940
1941	0.281	0.237	0.266	0.270	55.3	88.6	2.04	1.73	58.2	149	9.89	0.909	30.7	1941
1942	0.748	0.857	0.581	0.668	35.4	9.44	1.27	0.798	0.680	0.680	21.4	4.36	6.42	1942
1943	0.787	0.819	0.639	0.478	45.3	77.2	31.3	2.75	2.53	1.93	1.77	1.53	13.9	1943
1944	1.07	1.01	0.918	0.864	84.3	41.2	3.94	18.6	1.83	0.643	0.529	0.526	13.0	1944
1945	0.534	0.808	0.540	0.723	8.31	1.80	0.282	0.022	0.015	0.001	0	0	0.885	1945
1946	0	0	0	0.877	32.3	4.26	1.18	0.161	0.116	0.111	0.085	0	3.29	1946
1947	0	0	0	0	51.2	113	24.2	5.07	1.13	0.986	0.815	0.868	18.5	1947
1948	0.815	0.988	0.829	1.08	57.6	1.39	5.80	0.170	0.085	0	0	4.22	5.18	1948
1949	0	0	0	18.8	7.35	2.01	0.186	0	0	0	0.020	0	2.34	1949
1950	0	0	0	0	88.1	142	24.7	1.98	1.10	8.90	3.27	0.801	23.6	1950
1951	0.270	0	0	0.170	108	13.3	8.09	0.110	0.145	0.287	0.128	0	11.2	1951
1952	0	0	0	0	0	13.9	27.6	8.46	0.444	0.317	0.257	0.246	4.38	1952
1953	0.084	0	0	0	115	75.1	7.35	0.217	0.110	0	0	0	16.8	1953
1954	0	0	0	0	191	40.8	0.274	0	0	0	0	0	18.8	1954
1955	0	0	0	0	0.080	0.054	0	0.038	0	0	0	0	0.015	1955
1956	0	0	0	0	1.72	75.8	8.09	0	0	0	0	0	7.13	1956
1957	0	0	0	0	18.9	47.0	11.8	0.286	0	0.088	0.241	0	6.36	1957
1958	0	0	0	0.084	1.54	30.3	30.4	0	0	0	0	0	5.20	1958
1959	0	0	0	0	0	49.7	0	0	0	0	0	0	4.08	1959
1960	0	0	0	0	0	22.8	0	0	0	0	0	0	1.87	1960
1961	0	0	0	0	23.6	2.05	0	0	0	0	0	0	2.18	1961
1962	0	0	0	0	0	18.1	0	0	0	0	0	0	1.57	1962
1963	0	0	0	0	0	67.0	0	0	0	0	0	0	5.51	1963
1964	0	0	0	0	81.2	58.1	0	0	0	25.5	0	0	13.8	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	86.3	11.1	0	0	0	0	0	0	8.25	1966
1967	0	0	0	0	71.6	10.8	0	0	0	0	0	0	6.97	1967
1968	0	0	0	0	0	28.3	22.8	0	0	0	0	0	4.34	1968
1969	0	0	0	0	24.6	30.3	0	0	0	0	0	0	4.59	1969
1970	0	0	0	0	5.17	13.4	0	0	0	0	13.8	0	2.65	1970
1971	0	0	0	0	23.3	23.8	0	0	0	0	0	0	3.94	1971
1972	0	0	0	0	3.23	0	0	0	0	0	0	0	0.273	1972
1973	0	0	0	0	32.7	27.0	40.8	0	0	0	0	0	8.47	1973
1974	0	0	0	0	91.6	85.7	30.0	0.009	0	0	0	0	15.7	1974
1975	0	0	0	0	23.1	76.1	12.6	0	0	0	0	0	9.28	1975
1976	0	0	0	21.8	72.8	20.1	1.03	0	0	0	0	0	9.70	1976
1977	0	0	0	0	3.80	0	22.5	0	18.2	0	0	0	3.73	1977
1978	0	0	0	0	0	23.8	0	0	0	0	0	0	1.96	1978
1979	0	0	0	0	0.868	0	0	0	0	0	0	0	0.082	1979
1980	0	0	0	0	7.38	0	0	0	0	0	0	0	0.626	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	32.3	0	0	0	0	0	0	0	2.75	1982
1983	0	0	0	0	26.5	0	0	0	0	0	0	0	2.25	1983
1984	0	0	0	0	32.2	32.8	0	0	0	0	0	0	5.42	1984
1985	0	0	0	0	0	0	0	33.0	14.7	27.8	0	0	8.38	1985
1986	0	0	0	0	0	0	0	0	0	0	0	0	0	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	3.63	8.65	0	0	1.02	1988
MEAN	0.837	0.771	1.07	1.27	36.3	31.3	9.09	1.81	2.31	4.72	1.46	0.313	7.68	MEAN

LOCATION - LAT 48 55 05 N
LONG 86 29 17 W
DRAINAGE AREA, 4 270 km^2
REGULATED SINCE 1938
DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - DISCHARGES WASTED FROM DAM DOWN THE KENOGAMI RIVER

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	278 ON MAY 20	0.850 ON APR 18	1 510 000	1939
1940	---	164 ON MAY 30	0 ON APR 8 *	840 000	1940
1941	---	250 ON MAY 8	0.188 ON JAN 30	867 000	1941
1942	---	155 ON MAY 28	0.638 ON APR 3	203 000	1942
1943	---	157 ON MAY 12	0.425 ON APR 10	438 000	1943
1944	---	204 ON MAY 9	0.510 ON OCT 13	412 000	1944
1945	---	44.7 ON MAY 29	0 ON JUL 28	27 800	1945
1946	---	123 ON MAY 22	0 ON JAN 1	104 000	1946
1947	---	240 ON JUN 7	0 ON JAN 1	518 000	1947
1948	---	193 ON MAY 7	0 ON SEP 16	198 000	1948
1949	---	57.5 ON APR 14	0 ON JAN 1	73 800	1949
1950	---	311 ON MAY 26	0 ON JAN 1	744 000	1950
1951	---	209 ON MAY 18	0 ON FEB 1	352 000	1951
1952	---	134 ON JUN 6	0 ON JAN 1	139 000	1952
1953	---	215 ON MAY 22	0 ON JAN 20	524 000	1953
1954	---	419 ON MAY 17 *	0 ON JAN 1	619 000	1954
1955	---	0.255 ON AUG 20	0 ON JAN 1	458	1955
1956	---	241 ON JUN 2	0 ON JAN 1	225 000	1956
1957	---	198 ON JUN 25	0 ON JAN 1	201 000	1957
1958	---	218 ON JUN 28	0 ON JAN 1	184 000	1958
1959	---	170 ON JUN 4	0 ON JAN 1	129 000	1959
1960	---	157 ON JUN 2	0 ON JAN 1	58 100	1960
1961	---	185 ON MAY 20	0 ON JAN 1	88 700	1961
1962	---	180 ON JUN 3	0 ON JAN 1	49 400	1962
1963	---	204 ON JUN 7	0 ON JAN 1	174 000	1963
1964	---	380 ON JUN 21	0 ON JAN 1	437 000	1964
1965	---	0 ON JAN 1	0 ON JAN 1	0	1965
1966	---	251 ON MAY 20	0 ON JAN 1	280 000	1966
1967	---	197 ON MAY 12	0 ON JAN 1	220 000	1967
1968	---	185 ON JUN 15	0 ON JAN 1	137 000	1968
1969	---	182 ON MAY 21	0 ON JAN 1	145 000	1969
1970	---	64.8 ON NOV 3	0 ON JAN 1	83 700	1970
1971	---	147 ON MAY 27	0 ON JAN 1	124 000	1971
1972	---	23.7 ON MAY 20	0 ON JAN 1	8 840	1972
1973	---	122 ON MAY 16	0 ON JAN 1	267 000	1973
1974	---	266 ON MAY 23	0 ON JAN 1	485 000	1974
1975	---	294 ON JUN 17	0 ON JAN 1	283 000	1975
1976	---	185 ON JUN 22	0 ON JAN 1	305 000	1976
1977	---	204 ON SEP 10	0 ON JAN 1	118 000	1977
1978	---	88.5 ON JUN 8	0 ON JAN 1	61 800	1978
1979	---	3.87 ON MAY 18	0 ON JAN 1	2 600	1979
1980	---	57.2 ON MAY 17	0 ON JAN 1	18 800	1980
1981	---	0 ON JAN 1	0 ON JAN 1	0	1981
1982	---	243 ON MAY 20	0 ON JAN 1	85 600	1982
1983	---	170 ON MAY 28	0 ON JAN 1	70 800	1983
1984	---	179 ON MAY 12	0 ON JAN 1	172 000	1984
1985	---	123 ON AUG 15	0 ON JAN 1	201 000	1985
1986	---	0 ON JAN 1	0 ON JAN 1	0	1986
1987	---	0 ON JAN 1	0 ON JAN 1	0	1987
1988	---	88.3 ON SEP 30	0 ON JAN 1	32 300	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		242 000	MEAN

KENOGAMI RIVER NEAR MAMMAMATTAWA - STATION NO. 04JE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	251	115	---	1966
1967	85.8	61.6	57.5	446	1 720	670	220	244	88.7	221	283	92.9	347	1967
1968	83.7	34.7	37.4	743	663	464	718	530	315	403	278	116	383	1968
1969	95.3	77.7	63.2	323	1 440	732	310	186	180	251	130	88.0	323	1969
1970	85.5	43.7	38.9	69.8	962	513	258	89.4	258	318	306	116	284	1970
1971	89.0	70.1	64.2	183	1 350	515	225	142	293	667	---	---	---	1971
1972	145	82.7	56.6	58.9	1 070	371	278	198	132	333	179	84.2	250	1972
1973	97.0	48.2	63.4	429	928	405	674	277	184	194	108	88.5	267	1973
1974	82.4	46.9	45.0	61.7	1 360	838	400	245	212	648	380	135	381	1974
1975	78.3	53.4	42.7	62.8	955	710	231	98.3	77.8	188	358	117	248	1975
1976	84.4	40.7	38.8	818	820	441	208	115	74.4	80.6	51.2	38.7	231	1976
1977	31.0	28.9	45.8	953	883	305	542	172	431	397	267	108	350	1977
1978	81.9	46.2	36.9	86.0	1 130	1 030	324	128	88.7	182	108	80.0	272	1978
1979	41.4	32.4	36.4	323	1 350	720	247	189	253	382	357	182	339	1979
1980	80.4	61.6	46.6	358	1 270	389	127	106	138	357	208	90.6	272	1980
1981	59.6	58.7	86.0	525	800	487	178	48.6	30.3	47.6	61.6	38.7	202	1981
1982	33.3	30.6	29.0	86.8	1 360	427	531	177	239	501	328	184	328	1982
1983	89.8	67.4	86.0	108	1 570	845	277	102	131	510	261	148	333	1983
1984	79.6	57.9	48.8	680	1 040	764	448	234	101	139	177	148	328	1984
1985	84.7	63.1	48.4	483	884	536	318	485	282	580	382	137	388	1985
1986	73.2	51.6	42.5	603	826	315	227	80.9	80.3	259	173	84.8	232	1986
1987	52.1	40.0	38.2	340	288	235	224	308	186	370	238	147	208	1987
1988	81.7	52.1	43.8	530	1 120	448	188	268	249	276	280	158	309	1988
MEAN	89.7	52.3	49.0	374	1 090	643	326	198	178	328	235	109	295	MEAN

LOCATION - LAT 50 26 20 N DRAINAGE AREA, 28 200 km^2
LONG 64 23 15 W REGULATED SINCE 1938

KENOGAMI RIVER NEAR MAMMAMATTAWA - STATION NO. 04JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	2 500 ON MAY 21	53.5E ON OCT 7	11 000 000	1967
1968	---	1 800 ON APR 25	24.4B ON MAR 12 *	11 500 000	1968
1969	2 120 AT 15:30 EST ON MAY 8	2 100 ON MAY 8	58.6B ON MAR 30	10 200 000	1969
1970	---	1 730E ON MAY 3	38.2B ON APR 8	8 010 000	1970
1971	---	---	---	---	1971
1972	1 830E ON MAY 18	1 830E ON MAY 18	47.3B ON APR 13	7 910 000	1972
1973	1 480 AT 18:28 EST ON MAY 11	1 480 ON MAY 11	48.1B ON FEB 24	8 050 000	1973
1974	---	2 120E ON MAY 23	44.7B ON MAR 21	11 400 000	1974
1975	1 670 AT 13:00 EST ON MAY 7	1 670 ON MAY 7	38.5 ON SEP 10	7 830 000	1975
1976	---	2 810B ON APR 24 *	32.6B ON DEC 31	7 320 000	1976
1977	2 550 AT 08:25 EST ON APR 25 *	2 540 ON APR 25	28.7B ON FEB 15	11 100 000	1977
1978	---	1 880E ON MAY 17	34.0B ON MAR 24	8 580 000	1978
1979	---	1 810E ON MAY 13	30.0B ON MAR 13	10 700 000	1979
1980	2 350 AT 19:30 EST ON MAY 3	2 350 ON MAY 3	42.0B ON MAR 28	8 600 000	1980
1981	1 120 AT 01:00 EST ON MAY 7	1 110 ON MAY 7	25.0 ON OCT 4	8 380 000	1981
1982	2 530 AT 04:39 EST ON MAY 8	2 520 ON MAY 8	28.3B ON MAR 11	10 300 000	1982
1983	---	2 100B ON MAY 5	56.5B ON APR 7	10 500 000	1983
1984	1 980 AT 14:45 EST ON APR 29	1 930 ON APR 29	44.3B ON MAR 18	10 300 000	1984
1985	---	2 250E ON APR 25	43.0B ON APR 13	11 500 000	1985
1986	1 410 AT 10:55 EST ON MAY 1	1 390 ON APR 30	40.1B ON MAR 15	7 320 000	1986
1987	702 AT 18:30 EST ON APR 22	696 ON APR 22	36.5B ON MAR 15	8 580 000	1987
1988	---	1 770E ON MAY 5	42.0B ON MAR 15	9 770 000	1988
				9 320 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	---	4.77	2.04	---	1985
1986	2.18	1.25	6.21	1.67	0.580	0.562	0.218	0.070	0.543	2.18	0.895	3.19	1.63	1986
1987	1.48	0.321	3.85	3.16	0.142	0.176	0.047	0.054	0.041	0.265	1.04	3.21	1.16	1987
1988	0.504	1.84	2.06	1.00	0.252	0.031	0.035	0.059	0.031	0.403	2.41	1.25	0.825	1988
MEAN	1.39	1.17	4.04	1.94	0.358	0.258	0.100	0.061	0.205	0.853	2.23	2.42	1.21	MEAN

LOCATION - LAT 42 50 05 N
LONG 81 08 05 W
DRAINAGE AREA, 135 km^2
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL NOV 01 1985.

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	17 800	1985
1986	52.1 AT 00:18 EST ON MAR 11 *	35.6 ON MAR 11 *	0.008 ON SEP 6	51 500	1986
1987	43.4 AT 14:59 EST ON DEC 20	21.7 ON APR 5	0.004 ON JUL 31	36 500	1987
1988	---	14.3 ON DEC 28	0 ON JUL 5 *	25 100	1988
				33 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	---	---	---	---	
1946	---	---	---	---	---	---	---	---	---	10.1	2.87	---	---	
1947	---	---	11.8	0.382	1.89	1.62	0.208	0.104	0.183	0.744	1.58	---	---	1945
1948	---	---	---	21.7	8.81	5.71	0.208	0.224	0.888	0.480	1.61	4.88	---	1946
			---	7.37	---	---	---	---	---	---	---	---	---	1947
														1948
1957	---	---	4.82	7.38	---	---	---	---	---	---	---	---	---	
1958	---	---	3.13	1.32	---	---	---	---	---	---	---	---	---	1957
1959	---	---	12.3	3.88	---	---	---	---	---	---	---	---	---	1958
														1959
1960	---	---	---	12.6	---	---	---	---	---	---	---	---	---	
1961	---	---	3.42	10.0	2.70	---	---	---	---	---	---	---	---	1960
1962	---	---	---	1.70	---	---	---	---	---	---	---	---	---	1961
1963	---	---	---	2.01	---	---	---	---	---	---	---	---	---	1962
1964	---	---	8.02	4.81	---	---	---	---	---	---	---	---	---	1963
														1964
1965	---	---	---	5.12	---	---	---	---	---	---	---	---	---	
1966	---	---	5.84	4.07	---	---	---	---	---	---	---	---	---	1965
1967	---	---	7.84	9.94	3.17	8.18	0.524	0.082	0.070	0.518	2.87	6.82	---	1966
1968	3.59	14.4	8.80	2.10	0.428	5.83	1.18	1.59	1.38	0.828	4.38	3.07	3.91	1967
1969	12.0	2.74	4.02	9.23	6.04	2.80	0.301	0.110	0.085	0.142	2.44	2.68	3.56	1968
														1969
1970	1.85	3.37	7.53	5.74	0.743	0.217	0.880	0.086	0.088	0.543	5.38	5.35	2.84	1970
1971	1.26	9.08	10.2	3.12	0.311	0.174	0.092	0.108	0.108	0.118	0.197	0.830	2.08	1971
1972	1.85	0.341	13.9	8.40	2.70	1.03	1.05	2.09	0.352	1.11	5.82	8.78	4.06	1972
1973	4.67	2.61	17.6	3.59	1.78	1.54	0.187	0.193	0.103	0.174	3.17	3.31	3.25	1973
1974	8.74	4.84	8.27	5.38	5.06	1.88	0.948	0.280	0.206	0.204	1.92	2.23	3.50	1974
1975	7.92	7.87	11.2	4.40	1.12	3.35	0.462	3.73	5.61	0.820	1.87	4.86	4.48	1975
1976	3.05	18.9	16.3	4.18	4.21	0.841	1.89	1.21	0.353	1.14	2.12	1.07	4.53	1976
1977	0.462	2.80	23.5	7.11	0.787	0.174	0.221	0.288	4.84	3.87	4.17	16.6	5.43	1977
1978	1.92	1.12	16.7	12.4	1.88	0.426	0.188	0.221	0.334	0.503	1.02	2.51	3.26	1978
1979	3.58	1.89	15.8	14.0	2.32	0.733	0.373	0.280	0.289	0.528	8.26	9.57	4.78	1979
1980	3.27	1.34	10.8	8.38	1.81	1.78	2.42	1.09	0.621	1.81	0.783	3.45	3.13	1980
1981	0.280	12.8	2.48	5.95	1.47	0.762	0.413	1.09	3.43	6.78	2.80	2.05	3.34	1981
1982	3.09	0.428	19.5	8.49	2.84	7.29	0.682	0.244	0.414	0.956	10.6	14.1	5.75	1982
1983	2.24	5.20	2.81	5.91	5.42	1.04	0.819	8.37	2.37	0.970	4.33	11.0	4.12	1983
1984	0.456	12.8	8.42	4.22	2.31	7.38	1.48	0.272	1.88	0.311	2.43	8.43	4.03	1984
1985	3.78	15.0	15.5	5.33	0.431	0.808	0.288	0.814	0.318	1.84	12.0	4.43	5.01	1985
1986	4.85	3.81	14.3	3.67	1.58	1.20	0.388	0.253	1.14	4.74	2.05	8.36	3.88	1986
1987	3.25	0.828	7.89	6.82	0.327	0.317	0.185	0.235	0.232	0.388	2.17	7.13	2.47	1987
1988	1.20	4.48	4.40	1.97	0.571	0.138	0.151	0.186	0.187	1.01	8.44	2.82	1.84	1988
MEAN	3.84	5.88	10.2	6.48	2.44	2.40	0.848	0.872	1.08	1.84	3.89	5.71	3.78	MEAN

LOCATION - LAT 42 46 40 N DRAINAGE AREA, 329 km²
LONG 81 12 52 W NATURAL FLOW

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	
1946	---	---	---	---	
1947	---	---	---	---	1945
1948	---	---	---	---	1946
			---	---	1947
				---	1948
1957	---	---	---	---	
1958	---	---	---	---	
1959	---	---	---	---	1957
			---	---	1958
				---	1959
1960	---	---	---	---	
1961	---	---	---	---	
1962	---	---	---	---	1960
1963	---	---	---	---	1961
1964	---	---	---	---	1962
		---	---	---	1963
				---	1964
1965	---	---	---	---	
1966	---	---	---	---	
1967	121 AT 04:30 EST ON DEC 22	78.8 ON DEC 22	---	---	1965
1968	275 AT 08:45 EST ON FEB 2 *	226 ON FEB 2 *	---	---	1966
1969	165 AT 18:15 EST ON JAN 30	111 ON JAN 30	0.017 ON JUL 31	124 000	1967
			0.028 ON AUG 27	112 000	1968
					1969
1970	124 AT 20:18 EST ON APR 2	84.7 ON APR 2	0.051 ON AUG 27	83 300	1970
1971	83.7 AT 17:59 EST ON FEB 27	84.5 ON FEB 27	0.088 ON SEP 11	85 100	1971
1972	142 AT 03:52 EST ON APR 17	72.2 ON APR 17	0.122 ON JUN 14	128 000	1972
1973	161 AT 21:36 EST ON MAR 11	89.4 ON MAR 11	0.034 ON SEP 12	103 000	1973
1974	116 AT 12:26 EST ON JAN 27	76.8 ON JAN 27	0.156 ON JUL 27	110 000	1974
1975	114 AT 18:01 EST ON FEB 24	81.0 ON FEB 24	0.266 ON JUL 10	141 000	1975
1976	---	131 E ON MAR 5	0 ON JUL 22 *	143 000	1976
1977	193 AT 09:59 EST ON MAR 13	126 ON MAR 13	0.102 ON JUL 5	171 000	1977
1978	99.1 AT 23:56 EST ON MAR 23	85.0 ON MAR 23	0.083 ON SEP 10	103 000	1978
1979	188 AT 07:52 EST ON APR 14	141 ON APR 14	0.124 ON SEP 26	151 000	1979
1980	184 AT 17:56 EST ON MAR 21	87.6 ON MAR 21	0.2038 ON FEB 11	88 100	1980
1981	78.3 AT 18:00 EST ON FEB 23	52.8 ON FEB 23	0.191 ON JUL 27	105 000	1981
1982	169 AT 11:00 EST ON MAR 31	74.5 ON MAR 31	0.071 ON SEP 13	181 000	1982
1983	186 AT 01:57 EST ON AUG 12	78.4 ON AUG 12	0.148 ON SEP 18	130 000	1983
1984	117 AT 07:56 EST ON FEB 14	85.2 ON FEB 14	0.098 ON OCT 30	127 000	1984
1985	170 AT 20:23 EST ON FEB 24	153 ON FEB 24	0.112 ON AUG 20	158 000	1985
1986	137 AT 07:03 EST ON MAR 11	93.4 ON MAR 11	0.088 ON SEP 4	122 000	1986
1987	88.2 AT 21:08 EST ON DEC 20	36.08 ON MAR 2	0.097 ON JUL 24	78 000	1987
1988	---	33.8 ON NOV 21	0.030 ON JUL 8	88 100	1988
				119 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KETTLE RIVER ABOVE KETTLE FALLS - STATION NO. 08PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	---	---	---	104	82.1	63.9	51.4	---	1912
1913	46.4	39.7	36.3	53.7	187	---	---	---	---	---	---	---	---	1913
MEAN	46.4	39.7	36.3	53.7	187	---	---	---	104	82.1	63.9	51.4	---	MEAN

LOCATION - LAT 48 29 40 N LONG 92 38 40 W DRAINAGE AREA, 19 300 km² NATURAL FLOW

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.4	23.0	6.56	---	1967
1968	6.56	5.27	4.85	23.0	203	105	102	38.4	27.1	84.1	16.5	5.99	49.8	1968
1970	2.83	1.97	1.78	5.70	---	74.8	23.0	21.8	43.5	55.1	30.8	13.0	---	1970
1971	5.81	3.38	2.49	---	---	16.6	27.4	34.7	43.4	---	---	---	---	1971
1972	3.46	1.85	1.33	---	---	21.4	23.3	20.9	11.8	58.4	37.8	2.82	---	1972
1973	0.958	0.838	1.29	51.7	117	28.6	39.8	8.28	4.56	15.4	10.8	4.47	23.8	1973
1974	1.89	1.06	0.748	1.84	235	87.7	32.7	48.8	57.1	77.0	28.9	10.5	48.0	1974
1975	4.00	1.89	0.974	5.12	113	32.8	57.2	27.1	13.6	11.0	58.9	6.45	27.9	1975
1976	1.74	0.878	0.813	101	95.6	39.2	---	---	---	---	---	---	---	1976
1977	1.75	1.48	1.44	151	169	22.1	46.0	28.8	45.8	32.7	44.0	11.4	48.8	1977
1978	2.58	1.43	1.06	1.45	235	145	99.7	25.2	27.6	38.7	26.2	5.36	51.4	1978
1979	2.08	0.880	0.468	73.8	125	28.1	8.46	10.9	49.8	82.5	46.8	15.5	35.4	1979
1980	5.53	3.04	2.10	55.8	159	97.5	15.3	8.93	6.20	59.2	23.3	3.44	34.2	1980
1981	1.56	1.55	3.62	32.7	66.5	53.7	13.2	3.17	2.77	7.93	8.54	2.48	16.3	1981
1982	1.27	0.887	0.856	1.81	244	41.2	42.0	14.1	33.9	41.8	32.4	14.9	39.5	1982
1983	5.41	2.85	3.52	2.53	195	50.4	10.1	2.56	3.18	53.7	32.8	14.0	31.7	1983
1984	3.95	1.67	1.40	165	189	97.7	58.0	15.9	10.1	32.7	24.2	16.4	49.8	1984
1985	7.50	3.85	3.03	143	212	50.9	51.5	104	75.2	85.1	34.0	7.85	85.2	1985
1986	3.09	1.86	1.53	147	142	30.3	89.8	10.0	13.5	36.4	16.1	4.54	40.1	1986
1987	1.83	0.798	0.830	44.0	46.5	18.0	12.0	31.1	25.1	26.1	25.6	12.8	20.5	1987
1988	4.46	2.25	1.43	50.6	215	35.1	20.9	13.6	25.3	32.0	53.8	19.5	39.7	1988
MEAN	3.43	1.88	1.78	58.7	161	52.3	38.8	24.7	27.3	42.4	30.2	8.36	36.8	MEAN

LOCATION - LAT 51 08 00 N LONG 80 52 00 W DRAINAGE AREA, 4 250 km² NATURAL FLOW

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	345 E ON MAY 5	3.94 B ON DEC 31	1 570 000	1968
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	248 AT 09:00 EST ON APR 25	225 ON APR 25	0.8218 ON FEB 15	750 000	1973
1974	538 AT 18:00 EST ON MAY 15	535 ON MAY 15	0.7288 ON MAR 13	1 550 000	1974
1975	284 AT 17:25 EST ON MAY 4	258 ON MAY 3	0.6748 ON APR 7	880 000	1975
1976	476 AT 01:45 EST ON APR 22	459 ON APR 22	---	---	1976
1977	821 AT 02:00 EST ON APR 27	776 ON APR 26	1.37 B ON MAR 8	1 480 000	1977
1978	---	442 E ON MAY 14	0.9348 ON APR 8	1 820 000	1978
1979	---	280 B ON APR 24	0.4008 ON MAR 18 *	1 120 000	1979
1980	509 AT 20:15 EST ON APR 30	493 ON APR 30	1.95 B ON MAR 20	1 080 000	1980
1981	88.9 AT 23:00 EST ON MAY 8	87.1 ON MAY 8	1.12 B ON FEB 15	515 000	1981
1982	785 AT 09:47 EST ON MAY 6	730 ON MAY 6	0.8058 ON MAR 20	1 250 000	1982
1983	---	370 B ON MAY 6	1.63 B ON APR 7	1 000 000	1983
1984	721 AT 18:30 EST ON APR 26	680 ON APR 26	1.21 B ON APR 9	1 570 000	1984
1985	999 AT 22:00 EST ON APR 26 *	887 ON APR 27 *	2.74 B ON MAR 9	2 080 000	1985
1986	391 AT 22:00 EST ON APR 26	374 ON APR 26	1.48 B ON MAR 24	1 260 000	1986
1987	106 AT 23:55 EST ON APR 30	105 ON APR 30	0.4808 ON MAR 18	845 000	1987
1988	---	487 ON MAY 3	1.16 B ON MAR 24	1 260 000	1988
				1 220 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	3.84	0.134	0.756	3.25	0.032	0	0	---	---	1.14	1952
1953	---	---	---	0.342	0.405	1.77	0.327	---	---	---	---	---	---	1953
1954	---	---	---	4.88	2.92	1.13	0.488	0.007	0.237	0.057	0.095	---	1.38	1954
1955	---	---	---	5.27	0.728	2.40	0.861	0.011	0.031	1.03	---	---	1.47	1955
1956	---	---	---	7.81	1.48	0.836	0.031	0	0	0	---	---	1.40	1956
1957	---	---	0.240	4.10	0.309	1.20	2.13	0.003	0.004	0.045	---	---	1.10	1957
1958	---	---	0.175	0.572	0.121	0.847	1.62	0.087	0.188	0.228	---	---	0.489	1958
1959	---	---	0.278	2.57	1.85	0.812	0.371	0.332	1.16	0.884	---	---	1.03	1959
MEAN	---	---	0.231	3.82	0.989	1.16	1.14	0.085	0.228	0.292	0.095	---	1.14	MEAN

LOCATION - LAT 48 37 15 N LONG 83 37 30 W DRAINAGE AREA, 150 km² NATURAL FLOW

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	9.86 ON JUL 4	0 ON MAY 22 *	21 100	1953
1954	---	---	0 ON MAY 8	---	1954
		14.2 ON APR 13	0B ON APR 1	24 900	
1955	---	9.038 ON APR 12	0B ON APR 1	27 300	1955
1956	---	19.2 ON APR 14 *	0 ON JUN 20	25 900	1956
1957	---	15.7 ON APR 20	0 ON AUG 4	20 400	1957
1958	---	4.58 ON JUL 14	0 ON AUG 11	9 030	1958
1959	---	7.67 ON SEP 2	0 ON JUL 30	19 100	1959
				21 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC015

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	0	5.83	0.955	2.32	0.183	0.024	0.014	0.222	---	---	1.17	1960
1961	---	---	3.14	4.77	1.31	0.382	0.832	0.067	2.06	1.71	---	---	1.75	1961
1962	---	---	0.138	10.6	9.19	3.13	5.26	0.558	0.547	0.283	---	---	4.08	1962
1963	---	---	1.14	4.53	1.64	4.75	0.881	0.334	0.167	0.033	---	---	1.88	1963
1964	---	---	0	5.68	3.91	7.32	0.595	1.18	4.55	2.14	---	---	3.26	1964
1965	---	---	0	11.1	4.17	5.10	0.506	0.071	2.49	5.05	---	---	3.78	1965
1966	---	---	1.24	20.8	4.64	0.226	2.47	4.90	0.373	0.366	---	---	4.35	1966
1967	---	---	0.206	11.0	4.01	2.82	0.453	0.173	0.104	0.407	---	---	2.37	1967
1968	---	---	2.67	5.08	1.31	10.0	2.79	2.72	5.23	5.37	---	---	4.88	1968
1969	---	---	0	13.1	1.99	1.08	0.181	3.36	0.054	1.86	---	---	2.85	1969
1970	---	---	0	12.5	5.71	2.85	0.052	0	0.108	0.811	---	---	2.84	1970
1971	---	---	0	9.28	2.63	0.600	0.072	0.007	0.083	4.43	---	---	2.18	1971
1972	---	---	0.085	9.85	2.37	0.112	4.19	0.183	0.212	0.455	---	---	2.17	1972
1973	---	---	2.72	1.55	0.981	0.556	0.849	4.37	3.30	4.34	---	---	2.34	1973
1974	---	---	0	11.2	5.95	5.22	0.095	0.204	0.189	0.388	---	---	3.28	1974
1975	---	---	0	14.2	3.67	1.74	0.903	0.121	0.187	0.367	---	---	2.84	1975
1976	---	---	0.353	9.20	0.373	1.34	1.25	0.211	0.001	0.001	---	---	1.57	1976
1977	---	---	1.10	1.49	1.65	1.92	0.288	0.022	5.02	1.85	---	---	1.85	1977
1978	---	---	0.001	12.3	2.11	3.61	2.98	1.01	6.05	0.842	---	---	3.57	1978
1979	---	---	0.264	17.7	3.28	3.82	0	0	0	0.009	---	---	3.08	1979
1980	---	---	0	8.78	1.18	0	0	0.388	4.24	2.80	---	---	1.81	1980
1981	---	---	1.28	2.72	1.44	2.00	0.588	0.001	0.417	1.46	---	---	1.23	1981
1982	---	---	0.005	8.33	4.81	1.70	1.11	0.832	0.787	5.85	---	---	2.88	1982
1983	---	---	0.801	3.81	1.21	4.15	2.28	0.120	1.81	4.00	---	---	2.22	1983
1984	---	---	0.091	8.62	2.20	9.84	0.747	0.024	0.001	1.75	---	---	2.84	1984
1985	---	---	1.82	8.38	7.58	9.81	1.04	1.42	2.42	4.05	---	---	4.55	1985
1986	---	---	1.80	10.7	4.88	0.182	0.182	0	0.313	0.508	---	---	2.30	1986
MEAN	---	---	0.702	8.92	3.31	3.26	1.25	0.830	1.81	1.95	---	---	2.71	MEAN

LOCATION - LAT 48 35 25 N LONG 93 40 22 W DRAINAGE AREA, 274 km^2 NATURAL FLOW

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC015

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	21.3 ON APR 14	0B ON MAR 1 *	24 900	1960
1961	---	19.78 ON MAR 28	0B ON MAR 1	37 100	1961
1962	---	41.9 ON JUL 11	0B ON MAR 1	48 400	1962
1963	---	18.58 ON APR 4	0B ON MAR 1	35 500	1963
1964	---	19.3 ON JUN 11	0B ON MAR 1	69 000	1964
1965	---	38.88 ON APR 14	0B ON MAR 1	80 000	1965
1966	---	38.8 ON APR 14	0B ON MAR 1	82 000	1966
1967	---	26.1 ON APR 22	0B ON MAR 1	50 000	1967
1968	---	40.8 ON JUN 9	0B ON MAR 1	106 000	1968
1969	---	45.38 ON APR 13	0 ON MAR 1	58 200	1969
1970	27.78 AT 10:45 CST ON APR 17	27.68 ON APR 17	0B ON MAR 1	60 100	1970
1971	---	35.7A ON APR 12	0B ON MAR 1	45 800	1971
1972	38.5 AT 02:35 CST ON JUL 21	35.1 ON JUL 21	0B ON MAR 1	45 800	1972
1973	16.4 AT 10:03 CST ON OCT 13	16.2 ON OCT 13	0B ON MAR 1	49 500	1973
1974	32.3 AT 21:00 CST ON APR 17	31.4 ON APR 18	0B ON MAR 1	68 900	1974
1975	---	44.6 ON APR 25	0B ON MAR 1	55 900	1975
1976	23.88 AT 19:30 CST ON APR 7	23.58 ON APR 7	0B ON MAR 1	33 100	1976
1977	14.6 AT 10:10 CST ON SEP 28	14.4 ON SEP 28	0B ON MAR 1	36 000	1977
1978	40.5 AT 11:15 CST ON APR 19	38.5 ON APR 19	0B ON MAR 1	75 700	1978
1979	---	68.8 ON APR 20 *	0B ON MAR 1	65 200	1979
1980	19.7 AT 21:10 CST ON APR 8	17.78 ON APR 8	0B ON MAR 1	40 500	1980
1981	---	11.28 ON APR 2	0B ON MAR 2	28 000	1981
1982	---	35.78 ON APR 19	0B ON MAR 1	80 800	1982
1983	14.1 AT 11:31 CST ON JUN 23	13.7 ON JUN 23	0B ON MAR 1	47 100	1983
1984	50.3 AT 01:20 CST ON JUN 10	48.0 ON JUN 10	0B ON MAR 1	85 800	1984
1985	71.1 AT 13:27 CST ON JUN 26 *	66.4 ON JUN 26	0B ON MAR 1	98 300	1985
1986	38.7 AT 15:52 CST ON APR 28	37.2 ON APR 29	0 ON JUN 14	48 800	1986
				67 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	1.23	3.83	1.54	0.591	0.127	0.216	0.536	0.676	2.03	0.377	---	1974
1975	0.279	0.208	0.580	4.03	1.11	0.434	0.084	0.061	0.088	0.334	0.620	1.13	0.742	1975
1976	0.127	0.127	3.32	2.68	2.10	0.182	0.264	0.088	0.113	0.193	0.381	0.220	0.817	1976
1977	0.131	0.111	2.51	3.27	0.277	0.131	0.167	0.383	1.12	0.811	1.06	0.885	0.880	1977
1978	0.282	0.175	0.139	4.19	0.797	0.139	0.150	0.548	1.05	1.20	0.732	0.418	0.815	1978
1979	0.312	0.361	2.81	4.98	1.38	0.384	0.111	0.292	0.725	0.994	1.80	0.886	1.24	1979
1980	0.378	0.113	1.23	4.85	0.817	0.587	0.858	0.578	2.38	2.48	1.28	0.586	1.33	1980
1981	0.198	2.05	1.54	2.88	1.33	0.943	0.250	0.157	1.45	1.63	0.813	0.472	1.13	1981
1982	0.198	0.180	0.648	4.33	0.488	0.262	0.061	0.078	0.456	1.02	1.33	2.48	0.951	1982
1983	0.523	0.213	2.11	2.31	2.84	0.721	0.078	0.088	0.801	1.85	1.08	0.514	1.09	1983
1984	0.254	1.80	0.733	2.47	1.08	1.14	0.852	0.482	0.558	0.852	1.80	1.04	1.05	1984
1985	0.477	0.422	1.34	5.82	0.880	0.259	1.12	0.147	0.113	0.348	0.881	0.583	1.04	1985
1986	0.204	0.178	2.04	3.21	1.25	0.822	0.502	0.424	0.248	0.725	0.880	0.380	0.872	1986
1987	0.221	0.178	2.04	1.81	0.454	0.425	0.087	0.103	0.089	0.255	0.525	0.515	0.559	1987
1988	0.239	0.535	0.837	3.84	0.745	0.082	0.055	1.58	0.581	1.51	1.82	0.428	1.01	1988
MEAN	0.272	0.448	1.62	3.81	1.14	0.481	0.320	0.347	0.882	0.986	1.14	0.718	0.867	MEAN

LOCATION - LAT 46 15 44 N DRAINAGE AREA, 70.4 km²
LONG 79 23 43 W NATURAL FLOW

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	13.7 AT 14:11 EST ON APR 14	12.8 ON APR 14	0.079 ON AUG 30	---	1974
1975	17.7 AT 01:51 EST ON APR 20	15.3 ON APR 20	0.028 ON JUL 6	23 300	1975
1976	19.2 AT 02:35 EST ON MAR 28 *	17.6 ON MAR 28	0.057 ON AUG 29	25 800	1976
1977	13.8 AT 05:16 EST ON MAR 31	12.8 ON MAR 31	0.042 ON JUL 19	26 000	1977
1978	11.3 AT 08:01 EST ON APR 19	10.8 ON APR 19	0.042 ON AUG 15	25 700	1978
1979	9.34 AT 03:05 EST ON APR 15	8.85 ON MAR 25	0.031 ON JUL 24	39 100	1979
1980	17.4 AT 23:51 EST ON APR 9	15.4 ON APR 9	0.082 ON JUL 14	41 900	1980
1981	10.9 AT 12:07 EST ON MAR 31	10.0 ON MAR 31	0.056 ON AUG 28	35 600	1981
1982	11.7 AT 13:24 EST ON DEC 26	10.5 ON APR 18	0.057 ON JUL 27	29 900	1982
1983	14.7 AT 23:28 EST ON MAR 18	12.2 ON MAY 8	0.056 ON AUG 13	34 400	1983
1984	7.71 AT 22:17 EST ON APR 6	6.82 ON APR 6	0.116 ON AUG 4	33 200	1984
1985	18.8 AT 02:38 EST ON APR 23	17.9 ON APR 22 *	0.082 ON JUL 4	32 700	1985
1986	16.0 AT 03:36 EST ON MAR 31	15.4 ON MAR 31	0.046 ON SEP 2	27 500	1986
1987	13.3 AT 22:21 EST ON MAR 30	10.4 ON MAR 30	0.027 ON AUG 12	17 800	1987
1988	---	11.0 ON APR 4	0.021 ON JUL 24 *	31 900	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		30 500	MEAN

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	17.5	10.8	2.87	---	1946
1947	18.8	40.8	38.5	5.40	38.0	82.8	11.9	2.91	14.9	17.6	14.8	18.3	25.9	1947
1948	14.3	20.8	11.1	0.326	0	1.43	3.42	10.8	16.9	20.1	21.5	3.84	10.3	1948
1949	11.5	32.7	48.0	18.8	41.4	29.8	28.4	19.7	16.9	21.6	16.8	9.84	24.2	1949
1950	15.1	18.9	27.6	12.1	7.25	18.0	14.3	14.0	13.7	9.83	7.29	8.28	13.7	1950
1951	27.3	43.5	40.3	20.2	18.9	17.8	24.3	12.5	22.9	46.8	41.5	23.5	26.2	1951
1952	28.8	44.2	43.5	19.2	0	21.1	14.3	10.8	27.8	22.1	16.2	0.572	20.4	1952
1953	32.7	38.6	46.9	26.4	22.3	10.8	22.7	13.5	8.77	17.0	18.3	1.56	21.8	1953
1954	18.1	41.9	54.6	18.7	0.888	40.8	19.1	20.1	25.3	35.4	26.5	27.4	27.1	1954
1955	50.0	51.1	39.4	8.92	0	0.888	3.82	8.35	13.9	5.47	22.2	18.5	18.4	1955
1956	47.1	48.4	29.6	5.25	0	13.9	17.9	15.1	23.6	25.5	17.4	24.0	22.3	1956
1957	41.9	53.1	36.0	11.9	0	1.37	48.9	12.5	17.4	15.7	33.4	24.5	23.9	1957
1958	44.1	45.6	47.3	2.08	0	0	4.87	4.95	14.5	12.9	2.78	21.1	18.6	1958
1959	38.9	42.1	20.3	5.24	0	2.88	16.2	13.7	17.3	24.9	17.4	28.4	18.8	1959
1960	46.7	48.2	33.1	11.6	72.7	26.8	23.3	8.51	18.4	11.2	29.2	20.8	29.3	1960
1961	27.4	39.6	45.7	7.14	0	0.634	13.8	6.43	19.2	20.2	26.3	16.3	18.6	1961
1962	35.4	34.2	43.4	2.91	17.1	8.67	19.8	13.2	7.08	20.7	13.8	11.1	19.0	1962
1963	14.7	18.8	18.8	0.020	0	8.32	8.95	14.0	8.84	12.4	14.7	13.1	11.2	1963
1964	27.7	40.8	37.4	8.67	0.027	14.0	12.2	5.18	10.4	11.8	16.8	14.3	16.5	1964
1965	24.5	33.1	28.3	6.76	0	0.100	9.10	18.7	20.0	28.1	7.85	22.1	16.2	1965
1966	29.2	43.3	37.8	11.7	5.56	39.3	18.7	22.1	35.6	36.5	40.5	61.2	31.7	1966
1967	39.6	54.0	55.3	22.7	43.3	65.5	2.65	14.7	28.1	22.1	2.18	17.2	30.5	1967
1968	30.6	33.3	23.3	0	0	7.24	25.6	25.2	30.9	11.7	13.8	16.6	18.2	1968
1969	30.5	36.1	40.1	11.4	0.008	3.59	31.8	37.5	23.8	8.48	5.11	18.5	20.6	1969
1970	31.6	36.5	28.1	8.20	0.278	27.3	42.3	18.9	16.7	2.85	3.22	7.37	18.3	1970
1971	20.5	24.1	25.0	8.97	0	0	5.17	23.9	39.1	2.98	1.13	2.84	12.7	1971
1972	15.2	48.9	50.9	21.8	0	0	13.4	23.5	16.1	8.23	5.88	19.7	18.6	1972
1973	36.4	38.1	32.1	0	2.28	35.8	15.8	11.0	17.0	16.8	16.8	20.8	20.2	1973
1974	13.3	27.2	42.8	3.78	3.86	34.0	17.8	10.9	17.5	9.80	16.8	22.4	18.2	1974
1975	29.9	39.9	38.1	22.7	0	1.86	11.7	10.4	7.74	4.35	3.83	16.2	15.4	1975
1976	20.5	22.8	36.0	1.12	23.3	14.1	10.2	16.9	6.35	9.29	7.81	18.2	15.7	1976
1977	23.2	27.3	16.9	0.384	8.66	10.8	14.9	14.0	12.8	10.1	14.4	25.8	14.8	1977
1978	43.8	42.3	27.5	17.4	0	0	1.16	8.88	7.54	8.40	16.7	16.3	15.6	1978
1979	20.0	35.7	28.1	10.1	56.1	24.5	17.4	12.5	16.6	16.8	18.4	35.2	24.3	1979
1980	37.2	32.8	14.0	3.52	5.59	11.0	16.9	13.9	13.9	9.00	17.4	26.1	18.6	1980
1981	24.2	28.6	36.6	1.50	18.4	22.5	15.1	16.5	13.6	5.23	5.33	20.6	17.0	1981
1982	28.5	34.9	16.0	3.50	0	0	0	1.04	5.51	13.0	20.2	32.9	12.6	1982
1983	37.0	37.9	0	0	15.7	39.7	2.80	4.89	6.84	13.9	12.6	29.7	16.6	1983
1984	50.3	39.6	7.90	0	0	23.9	20.7	14.8	10.0	10.7	14.6	17.1	17.4	1984
1985	35.6	55.2	18.8	0	29.6	13.3	15.1	14.5	12.0	2.27	2.07	7.08	18.9	1985
1986	44.5	48.5	14.5	0	1.72	19.9	9.34	5.02	0.840	12.3	31.5	29.1	17.8	1986
1987	41.5	49.8	9.34	0	0	0	0	0	0	0	0	23.9	10.2	1987
1988	30.3	25.6	4.84	0	26.1	25.3	10.6	12.7	11.6	15.3	45.9	33.6	20.3	1988
MEAN	30.4	38.1	30.8	8.03	10.9	17.4	15.1	13.2	16.0	15.0	15.9	19.2	19.1	MEAN

LOCATION - LAT 47 27 36 N
LONG 79 59 43 W

DRAINAGE AREA, 1 370 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	117 ON JUN 18	0 ON APR 9 *	818 000	1947
1948	---	33.1 ON NOV 2	0 ON APR 3	328 000	1948
1949	---	60.4 ON JUN 23	0 ON JAN 1	765 000	1949
1950	---	38.5 ON JUN 18	0 ON APR 21	433 000	1950
1951	---	87.4 ON OCT 8	0 ON APR 13	868 000	1951
1952	---	54.8 ON SEP 8	0 ON APR 23	845 000	1952
1953	---	84.0 ON APR 7	0 ON MAY 1	867 000	1953
1954	---	89.2 ON OCT 19	0 ON APR 15	853 000	1954
1955	---	78.5 ON MAR 5	0 ON APR 19	580 000	1955
1956	---	59.5 ON JAN 20	0 ON APR 13	703 000	1956
1957	---	115 ON JUL 6	0 ON APR 23	754 000	1957
1958	---	89.4 ON MAR 11	0 ON APR 4	522 000	1958
1959	---	51.3 ON FEB 6	0 ON APR 16	594 000	1959
1960	---	151 ON MAY 15 *	0 ON APR 21	927 000	1960
1961	---	59.5 ON MAR 11	0 ON APR 19	587 000	1961
1962	---	58.0 ON MAR 16	0 ON APR 5	596 000	1962
1963	---	30.8 ON MAR 1	0 ON MAR 30	383 000	1963
1964	---	59.7 ON MAR 12	0 ON APR 17	522 000	1964
1965	---	84.1 ON SEP 24	0 ON APR 16	510 000	1965
1966	---	95.1 ON DEC 6	0 ON APR 23	1 000 000	1966
1967	---	121 ON JUN 21	0 ON APR 26	863 000	1967
1968	---	44.2 ON SEP 5	0 ON MAR 29	574 000	1968
1969	---	84.6 ON JUL 30	0 ON APR 12	849 000	1969
1970	---	53.8 ON JUN 26	0 ON APR 17	578 000	1970
1971	---	70.2 ON AUG 26	0 ON APR 21	400 000	1971
1972	---	87.7 ON MAR 3	0 ON APR 26	589 000	1972
1973	---	60.0 ON JUN 20	0 ON MAR 31	836 000	1973
1974	---	58.3 ON MAR 2	0 ON APR 5	576 000	1974
1975	---	56.8 ON MAR 19	0 ON APR 19	485 000	1975
1976	---	68.0 ON MAY 22	0 ON APR 3	498 000	1976
1977	---	34.0 ON DEC 31	0 ON MAR 18	470 000	1977
1978	---	50.7 ON JAN 12	0 ON APR 26	488 000	1978
1979	---	88.6 ON MAY 1	0 ON APR 12	787 000	1979
1980	---	40.8 ON JAN 11	0 ON APR 11	530 000	1980
1981	---	44.5 ON MAR 21	0 ON APR 3	537 000	1981
1982	---	44.2 ON MAR 3	0 ON APR 14	405 000	1982
1983	---	118 ON JUN 1	0 ON MAR 1	522 000	1983
1984	---	56.6 ON JAN 7	0 ON MAR 29	550 000	1984
1985	---	63.2 ON FEB 6	0 ON MAR 15	532 000	1985
1986	---	68.8 ON JAN 31	0 ON MAR 13	564 000	1986
1987	---	67.1 ON FEB 6	0 ON MAR 25	321 000	1987
1988	---	68.4 ON MAY 15	0 ON MAR 9	642 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		803 000	MEAN

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	0.001	0	0	0	0	0	0	---	---	0	1986
1987	---	---	---	0	0	0	0	0	0	0	---	---	0	1987
1988	---	---	---	0.001	0	0	0.001	0	0	0	---	---	0	1988
MEAN	---	---	---	0.001	0	0	0	0	0	0	---	---	0	MEAN

LOCATION - LAT 49 40 30 N
LONG 93 45 05 W
DRAINAGE AREA, .05 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	0.009 ON APR 26	0 ON APR 8 *	5.11	1986
1987	0.008 ON MAY 21	0.003 ON MAY 21	0 ON APR 1	1.38	1987
1988	0.065 ON JUL 7 *	0.018 ON JUL 7 *	0 ON APR 1	5.71	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4.07	MEAN

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.020	0.005	0.002	0.007	0.001	0.001	0.018	---	---	0.008	1971
1972	---	---	---	0.008	0.005	0.004	0.008	0.010	0.008	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.004	0.002	0.005	0.005	0.011	0.010	---	---	0.007	1973
1975	---	---	---	0.017	0.009	0.011	0.003	0	0.001	0.001	---	---	0.005	1975
1976	---	---	---	0.017	0.001	0	0	0	0	0	---	---	0.003	1976
1977	---	---	---	0	0.007	0.013	0	0.001	0.007	0.003	---	---	0.004	1977
1978	---	---	---	0.020	0.013	0.007	0.001	0.002	0.004	0.002	---	---	0.007	1978
1979	---	---	---	0.020	0.011	0.002	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.013	0	0	0	0	0	0	---	---	0.002	1980
1981	---	---	---	0.002	0.001	0	0	0	0	0.008	---	---	0.002	1981
1982	---	---	---	0.018	0.008	0.003	0.008	0	0	0.008	---	---	0.006	1982
1983	---	---	---	0.010	0.003	0.004	0.001	0	0	0	---	---	0.003	1983
1984	---	---	---	0.007	0	0.001	0	0	0	0.003	---	---	0.002	1984
1985	---	---	---	0.018	0.010	0	0	0	0	0	---	---	0.004	1985
1987	---	---	0.000	0.004	0	0	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.005	0.001	0	0.004	0	0	0	---	---	0.001	1988
MEAN	---	---	0.000	0.012	0.005	0.003	0.002	0.001	0.002	0.004	---	---	0.004	MEAN

LOCATION - LAT 49 40 10 N
LONG 93 45 45 W
DRAINAGE AREA, .58 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	0.065 AT 14:28 CST ON APR 19	0.071 ON APR 17	0E ON APR 1 *	139	1971
1972	0.068 AT 10:50 CST ON AUG 21	0.057 ON AUG 22	0E ON APR 1	122	1972
1973	0.040 AT 22:32 CST ON APR 21	0.037 ON APR 21	0E ON APR 1	128	1973
1975	0.062 AT 03:13 CST ON JUN 23	0.057 ON JUN 23	0E ON APR 1	108	1975
1976	0.136 AT 18:34 CST ON APR 16 *	0.045 ON APR 17	0 ON MAY 11	47.4	1976
1977	---	0.040E ON JUN 19	0E ON APR 1	80.3	1977
1978	0.068 AT 01:33 CST ON APR 27	0.055 ON APR 27	0 ON AUG 12	129	1978
1979	---	0.054E ON APR 21	0 ON APR 1	88.2	1979
1980	0.058 AT 12:20 CST ON APR 23	0.031 ON APR 10	0 ON APR 1	35.8	1980
1981	0.023 AT 16:58 CST ON OCT 2	0.023 ON OCT 6	0 ON APR 1	29.8	1981
1982	0.109 AT 00:00 CST ON APR 17	0.080 ON APR 17 *	0 ON JUN 26	110	1982
1983	0.026 AT 09:29 CST ON JUN 16	0.024 ON JUN 18	0 ON JUN 1	49.3	1983
1984	0.020 AT 16:33 CST ON APR 8	0.018 ON APR 7	0 ON APR 1	29.0	1984
1985	---	0.045 ON APR 29	0 ON MAY 28	67.4	1985
1987	0.029 ON APR 26	0.010 ON APR 1	0 ON APR 18	12.7	1987
1988	0.030 ON JUL 8	0.028 ON JUL 8	0E ON APR 1	26.8	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		75.1	MEAN

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD018

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	0.010	0.008	0.004	0.008	0.007	0.013	0.012	---	---	0.008	1973
MEAN	---	---	---	0.010	0.008	0.004	0.008	0.007	0.013	0.012	---	---	0.008	MEAN

LOCATION - LAT 49 38 25 N
LONG 93 50 20 W
DRAINAGE AREA, .70 km²
NATURAL FLOW

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD018

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	0.057 AT 19:35 CST ON OCT 12 *	0.051 ON SEP 8 *	0 ON JUN 3 *	155	1973
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		155	MEAN

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05OD017

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.003	0.001	---	---	---	1975
1976	---	---	---	0.049	0.018	0.005	0.010	0.003	0.001	0	---	---	0.012	1976
1977	---	---	---	0.003	0.013	0.047	0.028	0.007	0.006	0.004	---	---	0.015	1977
1978	---	---	---	0.040	0.081	0.038	0.023	0.011	0.006	0.004	---	---	0.029	1978
1979	---	---	---	0.037	0.084	0.021	0.010	0.005	0.002	0.001	---	---	0.020	1979
1980	---	---	---	0.014	0.011	0.004	0.003	0.002	0.001	0.001	---	---	0.005	1980
1981	---	---	---	0.002	0.004	0.018	0.027	0.008	0.002	0.003	---	---	0.008	1981
1982	---	---	---	0.031	0.048	0.032	0.042	0.013	0.003	0.013	---	---	0.024	1982
1983	---	---	---	0.012	0.020	0.024	0.011	0.002	0	0	---	---	0.010	1983
1984	---	---	---	0.004	0.012	0.021	0.008	0	0	0.002	---	---	0.007	1984
1985	---	---	---	0.038	0.057	0.005	0.004	0.003	0.008	0.003	---	---	0.017	1985
1987	---	---	0.008	0.023	0.011	0.012	0	0.004	0	0	---	---	0.007	1987
1988	---	---	---	0.012	0.008	0.002	0.020	0.001	0	0	---	---	0.008	1988
MEAN	---	---	0.008	0.022	0.028	0.018	0.015	0.005	0.002	0.003	---	---	0.013	MEAN

LOCATION - LAT 49 41 58 N DRAINAGE AREA, 2.60 km² DATA CONTRIBUTED BY -
LONG 93 42 50 W NATURAL FLOW OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05OD017

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1976	0.122 AT 20:05 CST ON APR 17	0.118 ON APR 17	0 ON OCT 1 *	221	1976
1977	0.150 AT 04:02 CST ON JUN 19	0.144 ON JUN 19	0 ON APR 1	282	1977
1978	0.193 AT 23:32 CST ON APR 28 *	0.190 ON APR 28 *	0.002E ON OCT 28	535	1978
1979	0.155 AT 23:07 CST ON APR 25	0.149 ON APR 26	0.001 ON SEP 10	389	1979
1980	0.035 AT 18:35 CST ON APR 25	0.034 ON APR 25	0.001 ON AUG 28	85.2	1980
1981	0.110 AT 13:10 CST ON JUL 3	0.105 ON JUL 3	0.001 ON APR 11	188	1981
1982	0.134 AT 21:36 CST ON MAY 20	0.108 ON MAY 21	0.001 ON SEP 20	448	1982
1983	---	0.045E ON JUN 16	0 ON AUG 28	181	1983
1984	0.032 AT 15:21 CST ON JUN 23	0.029 ON JUN 23	0 ON JUL 27	124	1984
1985	---	0.135 ON MAY 1	0.001E ON AUG 28	308	1985
1987	0.038 ON APR 12	0.038 ON APR 12	0 ON JUL 8	133	1987
1988	0.087 ON JUL 7	0.082 ON JUL 6	0 ON JUN 7	119	1988
				249	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05OD018

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.002	0.002	---	---	---	1975
1976	---	---	---	0.007	0.003	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.001	0.005	0.005	0.007	0.002	0.004	0.002	---	---	0.004	1977
1978	---	---	---	0.015	0.028	0.013	0.008	0.007	0.005	0.002	---	---	0.011	1978
1979	---	---	---	0.007	0.020	0.008	0.007	0.002	0.001	0.001	---	---	0.008	1979
1980	---	---	---	0.004	0.003	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0	0	0	0.001	0	0	0	---	---	0	1981
1982	---	---	---	0.005	0.008	0.007	0.014	0.005	0.001	0.005	---	---	0.007	1982
1983	---	---	---	0.005	0.005	0.005	0.005	0.001	0	0	---	---	0.003	1983
1984	---	---	---	0	0	0.001	0	0	0	0	---	---	0	1984
1985	---	---	---	0.005	0.015	0.003	---	---	---	0	---	---	---	1985
1987	---	---	0	0.003	0.002	0.004	0.001	0.001	0	0	---	---	0.002	1987
1988	---	---	---	0	0	0	0.002	0	0	0	---	---	0	1988
MEAN	---	---	0	0.004	0.007	0.004	0.004	0.002	0.001	0.001	---	---	0.003	MEAN

LOCATION - LAT 49 41 33 N DRAINAGE AREA, .97 km² DATA CONTRIBUTED BY -
LONG 93 42 40 W NATURAL FLOW OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05OD018

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1976	0.015 AT 14:14 CST ON APR 18	0.015 ON APR 20	0 ON MAY 20 *	25.8	1976
1977	0.037 AT 21:30 CST ON MAY 18 *	0.017 ON MAY 22	0 ON APR 1	86.2	1977
1978	---	0.076E ON APR 28 *	0E ON APR 1	201	1978
1979	0.027 AT 00:41 CST ON MAY 11	0.027 ON MAY 2	0 ON APR 1	118	1979
1980	0.008 AT 17:39 CST ON APR 21	0.008 ON APR 21	0 ON APR 1	18.7	1980
1981	0.006 AT 23:55 CST ON JUL 3	0.003 ON JUL 3	0 ON APR 1	5.00	1981
1982	0.023 AT 01:33 CST ON JUL 3	0.017 ON JUL 18	0 ON SEP 21	123	1982
1983	0.011 AT 03:28 CST ON JUL 4	0.011 ON JUL 4	0E ON AUG 15	86.3	1983
1984	0.003 AT 01:40 CST ON JUN 27	0.003 ON JUN 23	0E ON APR 1	4.83	1984
1985	---	---	---	---	1985
1987	0.012 ON JUN 11	0.007 ON JUN 11	0 ON JUL 18	28.8	1987
1988	0.013 ON JUL 7	0.004 ON JUL 7	0 ON APR 1	4.83	1988
				59.8	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05OD015

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0	0.001	---	---	---	1975
1976	---	---	---	0.008	0.002	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0	0	0.004	0.002	0.001	0	0	---	---	0.001	1977
1978	---	---	---	0.005	0.008	0.003	0.001	0	0.001	0.001	---	---	0.003	1978
1979	---	---	---	0.007	0.006	0.001	0	0	0	0	---	---	0.002	1979
1980	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0	1980
1981	---	---	---	0	0	0.001	0.003	0	0	0.002	---	---	0.001	1981
1982	---	---	---	0.004	0.004	0.001	0.005	0	0	0.003	---	---	0.002	1982
1983	---	---	---	0.001	0.001	0.002	0.001	0	0	0	---	---	0.001	1983
1984	---	---	---	0	0.001	0.001	0	0	0	0	---	---	0	1984
1985	---	---	---	0.008	0.005	0	0	0	0	0	---	---	0.002	1985
1986	---	---	---	0.002	0	0	0	0	0	0	---	---	0	1986
1987	---	---	---	0	0	0	0.001	0	0	0	---	---	0	1987
MEAN	---	---	---	0.003	0.002	0.001	0.001	0	0	0.001	---	---	0.001	MEAN

LOCATION - LAT 49 41 15 N, LONG 93 42 50 W
DRAINAGE AREA, .30 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05OD015

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.011 AT 11:51 CST ON APR 17	0.010 ON APR 16	0E ON APR 1 *	20.8	1976
1977	0.010 AT 00:42 CST ON JUN 21	0.010 ON JUN 20	0 ON APR 1	20.0	1977
1978	0.026 AT 01:37 CST ON APR 28	0.026 ON APR 29	0 ON APR 1	46.8	1978
1979	0.032 AT 19:41 CST ON APR 25 *	0.030 ON APR 25 *	0 ON APR 1	34.4	1979
1980	0.007 AT 08:26 CST ON APR 22	0.007 ON APR 22	0 ON APR 1	7.88	1980
1981	0.011 AT 01:27 CST ON JUL 5	0.010 ON JUL 4	0 ON APR 1	15.2	1981
1982	0.018 AT 21:58 CST ON JUL 4	0.015 ON JUL 4	0 ON APR 1	45.1	1982
1983	0.012 AT 00:43 CST ON APR 21	0.007 ON JUN 17	0 ON APR 1	11.1	1983
1984	0.003 AT 03:17 CST ON JUN 13	0.003 ON APR 28	0E ON APR 1	7.46	1984
1985	---	0.024 ON APR 30	0 ON APR 1	29.5	1985
1986	0.004 ON APR 16	0.003 ON APR 8	0 ON APR 28	8.31	1986
1987	0.016 ON JUL 8	0.011 ON JUL 8	0 ON APR 1	3.72	1987
				20.7	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05OD015

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	0.015	0.012	0.006	0.010	0.018	0.008	0.005	---	---	0.010	1972
1973	---	---	---	0.017	0.008	0.004	0.010	0.012	0.018	0.016	---	---	0.012	1973
1974	---	---	---	0.026	0.018	0.017	0.005	0	0.005	0.003	---	---	0.011	1974
1975	---	---	---	0.033	0.005	0.007	0.001	0	0	0	---	---	0.005	1975
1976	---	---	---	0.007	0.011	0.026	0.011	0.003	0.010	0.003	---	---	0.010	1976
1977	---	---	---	0.024	0.023	0.013	0.004	0.002	0.001	0.001	---	---	0.010	1977
1978	---	---	---	0.028	0.022	0.007	0.001	0	0	0	---	---	0.008	1978
1979	---	---	---	0.017	0.005	0	0	0.004	0.004	0.005	---	---	0.005	1979
1980	---	---	---	0.008	0.003	0.004	0.002	0.004	0	0.016	---	---	0.005	1980
1981	---	---	---	0.015	0.017	0.003	0.022	0.003	0	0.023	---	---	0.012	1981
1982	---	---	---	0.013	0.011	0.010	0.003	0	0	0	---	---	0.006	1982
1983	---	---	---	0.018	0.008	0.010	0.001	0	0	0.011	---	---	0.007	1983
1984	---	---	---	0.023	0.018	0	0	0	0	0.003	---	---	0.005	1984
1985	---	---	0.008	0.007	0.003	0.005	0.002	0.003	0.002	0	---	---	0.003	1985
1986	---	---	---	0.029	0.005	0.001	0.021	0	0	0	---	---	0.008	1986
MEAN	---	---	0.008	0.018	0.011	0.007	0.008	0.003	0.003	0.008	---	---	0.008	MEAN

LOCATION - LAT 49 41 20 N, LONG 93 44 15 W
DRAINAGE AREA, .97 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	0.108 AT 08:45 CST ON AUG 21	0.098 ON AUG 21	0 ON JUN 17 *	186	1972
1973	---	0.074E ON APR 21	0.001 ON JUN 6	227	1973
1975	---	0.076 ON JUN 23	0 ON JUL 20	197	1975
1976	0.088 AT 07:36 CST ON APR 17	0.088 ON APR 17	0 ON MAY 28	106	1976
1977	0.076 AT 00:12 CST ON JUN 18	0.074 ON JUN 18	0 ON APR 1	167	1977
1978	0.085 AT 00:37 CST ON APR 28	0.085 ON APR 28	0 ON OCT 21	178	1978
1979	0.089 AT 19:23 CST ON APR 25	0.085 ON APR 25	0 ON JUL 12	145	1979
1980	0.044 AT 18:12 CST ON APR 21	0.044 ON APR 21	0 ON JUN 6	85.0	1980
1981	0.140 AT 13:55 CST ON OCT 15 *	0.052 ON OCT 16	0 ON JUL 7	91.2	1981
1982	0.139 AT 12:17 CST ON MAY 5	0.085 ON JUL 21	0 ON MAY 29	219	1982
1983	0.029 AT 02:21 CST ON APR 27	0.028 ON APR 27	0 ON JUL 23	88.0	1983
1984	0.041 AT 08:53 CST ON OCT 22	0.040 ON OCT 21	0 E ON APR 1	128	1984
1986	---	0.067 ON MAY 1	0 ON MAY 26	119	1986
1987	---	0.017 ON APR 1	0 ON APR 21	80.0	1987
1988	0.135E ON JUL 7	0.114E ON JUL 8 *	0 E ON APR 1	148	1988
				145	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	0.002	0.003	0.001	0.001	---	1969
1970	0.002	0.002	0.001	0.014	0.015	0.002	0	0	0.006	0.008	0.006	0.001	0.007	1970
1971	---	---	---	0.012	0.005	0.003	0.007	0	0	0.010	---	---	0.008	1971
1972	---	---	---	0.008	0.007	0.001	0.004	0.007	0.003	0.002	---	---	0.005	1972
1973	---	---	---	0.007	0.004	0.002	0.004	0.004	0.005	0.006	---	---	0.005	1973
1975	---	---	---	0.014	0.007	0.004	0.001	0	0.001	0.001	---	---	0.004	1975
1976	---	---	---	0.014	0.001	0	0	0	0	0	---	---	0.002	1976
1977	---	---	---	0.002	0.008	0.011	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.011	0.015	0.006	0.001	0.001	0.002	0.001	---	---	0.005	1978
1979	---	---	---	0.010	0.008	0.003	0	0	0	0	---	---	0.003	1979
1980	---	---	---	0.008	0.002	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0.003	0.001	0.006	0.004	0	0.001	0.005	---	---	0.003	1981
1982	---	---	---	0.008	0.007	0.003	0.008	0	0.001	0.007	---	---	0.005	1982
1983	---	---	---	0.007	0.004	0.003	0.001	0	0	0	---	---	0.002	1983
1984	---	---	---	0.002	0.004	0.003	0.001	0	0	0.001	---	---	0.001	1984
1986	---	---	---	0.009	0.008	0	0	0	0	0	---	---	0.003	1986
1987	---	---	0.003	0.002	0.002	0.002	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.004	0.001	0	0.009	0	0	0	---	---	0.002	1988
MEAN	0.002	0.002	0.002	0.008	0.006	0.003	0.002	0.001	0.001	0.003	0.004	0.001	0.003	MEAN

LOCATION - LAT 49 41 15 N DRAINAGE AREA, .34 km^2
LONG 93 41 25 W NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	0.147 AT 23:20 CST ON APR 28 *	0.130 ON APR 28 *	0 ON JUN 22 *	124	1970
1971	0.062 AT 01:42 CST ON JUL 1	0.062 ON JUL 1	0E ON APR 1	102	1971
1972	0.085 AT 03:21 CST ON AUG 21	0.057 ON AUG 21	0E ON APR 1	83.5	1972
1973	0.065 AT 13:26 CST ON APR 21	0.060 ON APR 21	0 ON APR 1	83.9	1973
1975	---	0.058E ON APR 23	0 ON JUL 12	77.0	1975
1976	0.078 AT 20:42 CST ON APR 16	0.058 ON APR 16	0 ON MAY 22	40.0	1976
1977	0.068 AT 08:46 CST ON JUN 18	0.065 ON JUN 18	0 ON APR 1	89.1	1977
1978	0.059 AT 02:16 CST ON APR 28	0.054 ON APR 28	0E ON APR 1	86.2	1978
1979	0.063 AT 08:41 CST ON APR 25	0.058 ON APR 25	0 ON APR 1	85.2	1979
1980	0.043 AT 14:15 CST ON APR 15	0.025 ON APR 20	0E ON APR 1	25.8	1980
1981	0.025 AT 20:13 CST ON JUL 3	0.013 ON JUL 3	0 ON MAY 15	54.9	1981
1982	0.037 AT 00:36 CST ON APR 25	0.037E ON JUL 4	0A ON APR 1	85.6	1982
1983	0.078 AT 19:29 CST ON APR 12	0.038 ON APR 12	0 ON APR 1	26.8	1983
1984	---	0.010 ON MAY 8	0E ON APR 1	26.8	1984
1986	---	0.054 ON APR 28	0 ON APR 3	47.3	1986
1987	---	0.007 ON MAY 27	0 ON MAY 2	15.1	1987
1988	0.081E ON JUL 7	0.062E ON JUL 8	0 ON APR 1	38.1	1988
				62.7	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05QD011

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0	0.001	0.001	0.001	0	0.001	0.002	---	---	0.001	1971
1972	---	---	---	0.001	0.001	0	0.001	0.002	0.001	0	---	---	0.001	1972
1973	---	---	---	0.001	0.001	0	0.001	0.002	0.001	0.002	---	---	0.001	1973
1975	---	---	---	0.002	0.001	0.001	0	0	0	0	---	---	0.001	1975
1976	---	---	---	0.003	0.001	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.002	0.002	0.003	0.001	0	0	0	---	---	0.001	1977
1978	---	---	---	0.003	0.003	0.003	0.001	0.001	0.001	0	---	---	0.001	1978
1979	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0.002	1979
1980	---	---	---	0.001	0	0	0	0	0	0	---	---	0.001	1980
MEAN	---	---	---	0.002	0.001	0.001	0.001	0.001	0	0	---	---	0	MEAN

LOCATION - LAT 49 39 30 N, LONG 93 38 00 W DRAINAGE AREA, .09 km² NATURAL FLOW

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05QD011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	0.005 AT 05:24 CST ON OCT 1	0.005 ON OCT 1	0E ON APR 1 *	13.0	1971
1972	---	0.015RE ON AUG 21 *	0E ON APR 1	15.5	1972
1973	0.007 AT 03:35 CST ON AUG 10	0.005 ON AUG 9	0E ON APR 1	20.1	1973
1975	0.006 AT 14:31 CST ON JUN 22	0.005 ON APR 18	0E ON APR 1	11.1	1975
1976	0.006 AT 00:00 CST ON APR 1	0.005 ON APR 1	0 ON MAY 23	9.25	1976
1977	0.011 AT 08:40 CST ON JUN 18	0.010 ON JUN 16	0 ON JUL 22	23.8	1977
1978	0.011 AT 18:51 CST ON MAY 26	0.005 ON MAY 27	0E ON APR 2	30.6	1978
1979	0.012 AT 18:01 CST ON APR 19 *	0.010 ON APR 19	0 ON APR 1	9.68	1979
1980	0.003 AT 04:13 CST ON APR 7	0.003 ON APR 7	0 ON MAY 6	5.35	1980
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		15.4	MEAN

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	0.006	0.002	0	0	0	0.001	0	---	---	---	1986
1987	---	---	0.001	0.001	0.001	0	0	0	0	0	---	---	0	1987
1988	---	---	---	0.002	0.001	0	0.002	0	0	0	---	---	---	1988
MEAN	---	---	0.001	0.003	0.001	0	0.001	0	0	0	---	---	0	MEAN

LOCATION - LAT 49 40 04 N, LONG 93 43 08 W DRAINAGE AREA, .12 km² NATURAL FLOW DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1986	---	---	---	---	1986
1987	---	0.011A ON MAR 23	0E ON MAR 1 *	9.50	1987
1988	0.027 ON JUL 7 *	0.020 ON JUL 7 *	0A ON MAR 1	---	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9.50	MEAN

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.018	0.018	0.025	0.043	0.174	0.068	0.018	0.002	0.053	0.044	0.071	0.030	0.047	1970
1971	0.013	0.010	0.014	0.071	0.080	0.045	0.054	0.018	0.023	0.077	0.065	0.028	0.040	1971
1972	0.015	0.010	0.009	0.035	0.075	0.009	0.047	0.051	0.043	0.034	0.029	0.015	0.031	1972
1973	0.008	0.007	0.006	0.038	0.048	0.028	0.050	0.048	0.055	0.075	0.027	0.018	0.034	1973
1975	0.014	0.011	0.008	0.055	0.102	0.065	0.042	0.005	0.022	0.021	0.018	0.012	0.034	1975
1976	0.010	0.011	0.012	0.118	0.035	0.018	0.018	0.003	0	0	0	0	0.018	1976
1977	0	0	0	0.038	0.055	0.084	0.028	0.005	0.030	0.015	0.028	0.024	0.027	1977
1978	0.010	0.005	0.003	0.055	0.128	0.055	0.018	0.017	0.015	0.011	0.005	0.005	0.032	1978
1979	0.005	0.004	0.005	0.055	0.110	0.036	0.004	0	0	0	0.005	0.005	0.023	1979
1980	0.007	0.005	0.005	0.044	0.027	0.002	0.007	0.023	0.020	0.018	0.018	0.010	0.018	1980
1981	0.004	0.003	0.003	0.021	0.068	0.031	0.056	0.008	0.022	0.055	0.023	0.014	0.021	1981
1982	0.008	0.005	0.005	0.058	0.055	0.031	0.053	0.007	0.004	0.078	0.018	0.010	0.032	1982
1983	0.007	0.004	0.007	0.060	0.044	0.026	0.012	0	0	0	0	0	0.013	1983
1984	0	0	0	0.058	0.028	0.023	0.008	0	0	0	0.007	0.021	0.017	0.013	1984
1985	0.008	0.005	0.005	0.035	0.038	0.004	0.001	0	0	0	---	0	---	1985
1987	0	0	0.028	0.048	0.011	0.017	0.001	0	0	0	0	0	0.008	1987
1988	0	0	0	0.033	0.018	0.008	0.043	0.003	0	0	0	0	0.008	1988
MEAN	0.007	0.006	0.008	0.043	0.064	0.033	0.027	0.011	0.017	0.028	0.020	0.011	0.025	MEAN

LOCATION - LAT 49 39 26 N, LONG 93 43 36 W DRAINAGE AREA, 3.90 km² NATURAL FLOW DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.340 AT 09:30 CST ON MAY 1	0.323 ON MAY 1	0 ON AUG 12 *	1 470	1970
1971	0.198 AT 21:57 CST ON APR 20	0.190 ON APR 21	0.008 ON FEB 10	1 260	1971
1972	0.144 AT 12:30 CST ON APR 30	0.133 ON APR 30	0 ON MAY 31	883	1972
1973	---	0.122 ON OCT 14	0.004 ON FEB 28	1 080	1973
1975	---	0.244 ON APR 28	0.001 ON AUG 14	1 080	1975
1976	0.288 AT 15:26 CST ON APR 17	0.283 ON APR 17	0 ON AUG 8	883	1976
1977	0.184 AT 08:18 CST ON JUN 20	0.181 ON JUN 20	0 ON JAN 1	837	1977
1978	0.385 AT 07:45 CST ON APR 28 *	0.362 ON APR 28 *	0.002 ON MAR 3	1 010	1978
1979	0.344 AT 18:53 CST ON APR 25	0.329 ON APR 25	0 ON JUL 27	738	1979
1980	0.088 AT 03:23 CST ON APR 23	0.087 ON APR 22	0 ON JUN 22	491	1980
1981	0.185 AT 01:18 CST ON JUL 4	0.162 ON JUL 4	0 ON AUG 27	861	1981
1982	0.255 AT 18:22 CST ON APR 17	0.250 ON APR 17	0 ON SEP 15	1 010	1982
1983	0.089 AT 01:18 CST ON APR 14	0.088 ON APR 14	0 ON AUG 8	418	1983
1984	0.087 AT 02:03 CST ON APR 12	0.086 ON APR 12	0 ON JAN 1	418	1984
1986	---	---	---	---	1986
1987	0.123 ON MAR 27	0.122 ON MAR 27	0 ON JAN 1	281	1987
1988	0.107 ON JUL 9	0.105 ON JUL 9	0 ON JAN 1	280	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		784	MEAN

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.047	0.023	0.048	0.017	0.017	0.031	0.025	---	---	0.028	1975
1976	---	---	---	0.006	0.007	0.018	0.002	0.005	0.001	0.003	---	---	0.010	1976
1977	---	---	---	0.057	0.031	0.035	0.009	0.007	0.027	0.009	---	---	0.025	1977
1978	---	---	---	0.094	0.038	0.018	0.008	0.012	0.013	0.007	---	---	0.027	1978
1979	---	---	---	0.041	0.032	0.014	0.001	0	0.001	0.006	---	---	0.013	1979
1980	---	---	---	0.043	0.007	0.003	0.012	0.013	0.012	0.013	---	---	0.015	1980
1981	---	---	---	0.014	0.004	0.023	0.013	0.002	0.017	0.023	---	---	0.014	1981
1982	---	---	---	0.084	0.018	0.010	0.021	0.001	0.014	0.030	---	---	0.025	1982
1983	---	---	---	0.050	0.015	0.013	0.004	0	0	0.003	---	---	0.012	1983
1984	---	---	---	0.043	0.009	0.013	0.001	0	0	0.025	---	---	0.013	1984
1986	---	---	---	0.085	0.020	0.001	0.001	0	0.004	0.005	---	---	0.013	1986
1987	---	---	0.024	0.017	0.008	0.006	0	0	0	0	---	---	0.004	1987
1988	---	---	---	0.033	0.008	0.003	0.018	0	0	0	---	---	0.009	1988
MEAN	---	---	0.024	0.053	0.017	0.018	0.008	0.004	0.008	0.011	---	---	0.017	MEAN

LOCATION - LAT 49 38 37 N, LONG 93 42 48 W
DRAINAGE AREA, 1.70 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.445 AT 14:53 CST ON JUN 22	0.244 ON JUN 22	0.003E ON APR 3	539	1975
1976	---	0.311E ON APR 5	0 ON JUL 19 *	342	1976
1977	0.284 AT 18:58 CST ON APR 10	0.232 ON APR 10	0.001 ON JUL 26	488	1977
1978	0.413 AT 19:34 CST ON APR 24	0.303 ON APR 24	0.001 ON JUL 3	489	1978
1979	---	0.263 ON APR 25	0 B ON APR 1	248	1979
1980	0.192 AT 20:00 CST ON APR 18	0.152R ON APR 18	0 ON JUN 18	272	1980
1981	0.408 AT 00:00 CST ON SEP 7	0.172 ON JUL 3	0 ON JUL 30	255	1981
1982	---	0.5318 ON APR 16	0 ON JUN 27	471	1982
1983	---	0.148 ON APR 11	0 ON JUL 12	221	1983
1984	0.270 AT 19:49 CST ON OCT 19	0.172 ON APR 8	0 ON JUL 7	239	1984
1986	---	0.538 ON APR 28 *	0 ON MAY 29	248	1986
1987	---	0.086 ON JUN 11	0 ON MAY 11	80.1	1987
1988	0.720 ON JUL 7 *	0.320 ON JUL 7	0 E ON APR 1	180	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		310	MEAN

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.020	0.012	0.013	0.004	0.005	0.008	0.007	---	---	0.010	1975
1976	---	---	---	0.025	0.005	0.010	0.002	0.004	0.002	0.002	---	---	0.007	1976
1977	---	---	---	0.017	0.014	0.015	0.005	0.003	0.011	0.004	---	---	0.010	1977
1978	---	---	---	0.031	0.018	0.008	0.005	0.006	0.005	0.004	---	---	0.011	1978
1979	---	---	---	0.031	0.014	0.008	0.001	0	0.001	0.003	---	---	0.008	1979
1980	---	---	---	0.018	0.004	0.002	0.005	0.005	0.005	0.005	---	---	0.005	1980
1981	---	---	---	0.005	0.002	0.011	0.008	0.001	0.007	0.008	---	---	0.006	1981
1982	---	---	---	0.020	0.010	0.008	0.008	0.001	0.005	0.013	---	---	0.009	1982
1983	---	---	---	0.017	0.007	0.008	0.002	0	0	0.002	---	---	0.005	1983
1984	---	---	---	0.012	0.004	0.005	0	0	0	0.005	---	---	0.004	1984
MEAN	---	---	---	0.020	0.008	0.008	0.004	0.003	0.005	0.005	---	---	0.008	MEAN

LOCATION - LAT 49 39 45 N, LONG 93 42 30 W
DRAINAGE AREA, .91 km^2
NATURAL FLOW

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.142 AT 12:57 CST ON JUN 22	0.078 ON JUN 22	0.001 ON JUL 15	182	1975
1976	0.113 AT 15:00 CST ON APR 18	0.078 ON APR 18	0 ON AUG 3 *	133	1976
1977	0.093 AT 15:35 CST ON SEP 9	0.059 ON APR 11	0.001 ON JUL 22	186	1977
1978	0.187 AT 17:09 CST ON APR 26	0.119 ON APR 26	0.001 ON AUG 12	209	1978
1979	---	0.136E ON APR 25 *	0 ON JUL 20	147	1979
1980	0.058 AT 22:24 CST ON APR 18	0.045 ON APR 19	0 ON JUN 11	118	1980
1981	0.222 AT 21:51 CST ON SEP 5 *	0.070 ON JUL 3	0 ON JUL 13	111	1981
1982	0.102 AT 03:02 CST ON JUL 3	0.109 ON APR 18	0 ON JUN 28	170	1982
1983	0.081 AT 18:37 CST ON APR 11	0.043 ON JUN 14	0 ON JUL 10	87.2	1983
1984	0.048 AT 08:52 CST ON OCT 17	0.035 ON OCT 17	0 ON JUN 2	71.8	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		141	MEAN

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	0.150	0.118	0.072	0.170	0.088	0.136	0.043	0.028	---	1968
1970	0.019	0.015	0.022	0.074	0.356	0.135	0.040	0.002	0.100	0.101	0.129	0.051	0.087	1970
1971	0.024	0.015	0.014	0.160	0.125	0.098	0.124	0.033	0.036	0.168	0.136	0.052	0.082	1971
1972	0.028	0.019	0.018	0.061	0.188	0.034	0.085	0.098	0.081	0.062	0.051	0.032	0.062	1972
1973	0.021	0.010	0.014	0.100	0.107	0.059	0.081	0.103	0.123	0.154	0.082	0.041	0.073	1973
1975	0.033	0.028	0.020	0.161	0.219	0.137	0.095	0.009	0.031	0.043	0.044	0.034	0.071	1975
1976	0.024	0.022	0.022	0.243	0.104	0.032	0.035	0.001	0	0	0	0	0.040	1976
1977	0	0	0.015	0.070	0.128	0.207	0.078	0.018	0.085	0.048	0.076	0.071	0.085	1977
1978	0.034	0.018	0.012	0.205	0.288	0.180	0.048	0.039	0.039	0.030	0.016	0.022	0.078	1978
1979	0.019	0.019	0.026	0.198	0.250	0.082	0.015	0	0	0	0.005	0.020	0.063	1979
1980	0.023	0.018	0.016	0.098	0.070	0.007	0.008	0.058	0.084	0.061	0.058	0.032	0.042	1980
1981	0.017	0.013	0.008	0.080	0.031	0.062	0.157	0.030	0.055	0.188	0.080	0.050	0.062	1981
1982	0.032	0.022	0.020	0.240	0.178	0.088	0.163	0.032	0.009	0.200	0.089	0.043	0.083	1982
1983	0.028	0.020	0.024	0.153	0.122	0.084	0.045	0.003	0	0	0	0	0.040	1983
1984	0	0	0	0.144	0.078	0.084	0.024	0.001	0	0.013	0.068	0.080	0.037	1984
1985	0.021	0.015	0.017	0.235	0.253	0.018	0.005	0	0	0	0.001	0.008	0.048	1985
1987	0.008	0.005	0.033	0.135	0.041	0.054	0.007	0.001	0	0	0	0	0.023	1987
1988	0	0	0	0.053	0.048	0.015	0.084	0.010	0	0	0	0	0.016	1988
MEAN	0.019	0.014	0.018	0.140	0.151	0.082	0.064	0.034	0.037	0.068	0.048	0.030	0.057	MEAN

LOCATION - LAT 49 38 52 N, LONG 93 43 34 W
DRAINAGE AREA, 7.25 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1970	---	0.823A ON MAY 1	0 ON AUG 15 *	2 750	1970
1971	0.487 AT 19:21 CST ON APR 20	0.486 ON APR 20	0.010 ON SEP 28	2 600	1971
1972	0.308 AT 01:23 CST ON MAY 2	0.284 ON MAY 1	0.008 ON JUL 6	1 950	1972
1973	0.276 AT 11:24 CST ON APR 24	0.276 ON APR 24	0.002 ON FEB 21	2 310	1973
1975	0.544 AT 12:58 CST ON APR 28	0.513 ON APR 27	0.001 ON AUG 19	2 250	1975
1976	0.828 AT 17:10 CST ON APR 17	0.820 ON APR 17	0 ON AUG 3	1 270	1976
1977	0.425 AT 20:57 CST ON JUN 19	0.408 ON JUN 20	0 ON JAN 1	2 050	1977
1978	0.834 AT 05:54 CST ON APR 28 *	0.830 ON APR 28 *	0.010 ON MAR 27	2 400	1978
1979	0.761 AT 22:54 CST ON APR 25	0.743 ON APR 26	0 ON JUL 28	1 690	1979
1980	0.245 AT 13:47 CST ON APR 23	0.242 ON APR 23	0 ON JUN 21	1 340	1980
1981	0.440 AT 15:28 CST ON JUL 4	0.434 ON JUL 4	0 ON SEP 5	1 880	1981
1982	0.542 AT 17:11 CST ON APR 18	0.533 ON APR 18	0 ON SEP 21	2 820	1982
1983	0.239 AT 21:53 CST ON APR 15	0.236 ON APR 15	0 ON AUG 12	1 280	1983
1984	---	0.263A ON APR 13	0 ON JAN 1	1 180	1984
1985	---	0.593 ON MAY 1	0 ON JUL 27	1 510	1985
1987	0.183 ON APR 1	0.187 ON APR 1	0 ON AUG 4	739	1987
1988	0.121 ON JUL 10	0.118 ON JUL 11	0 ON JAN 1	497	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 800	MEAN

LAKE 261 OUTLET NEAR KENORA - STATION NO. 05QD012

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.012	0.007	0.003	0.004	0.001	0.001	0.011	---	---	0.005	1971
1972	---	---	---	0.012	0.007	0.003	0.005	0.011	0.004	0.003	---	---	0.006	1972
1973	---	---	---	0.019	0.004	0	0.012	0.005	0.011	0.013	---	---	0.009	1973
1975	---	---	---	0.021	0.018	0.010	0.004	0	0.002	0.001	---	---	0.008	1975
1976	---	---	---	0.031	0.002	0	0	0	0	0	---	---	0.005	1976
1977	---	---	---	0.004	0.005	0.010	0.003	0.001	0.007	0.001	---	---	0.005	1977
1978	---	---	---	0.014	0.016	0.008	0.001	0	0.002	0.001	---	---	0.005	1978
1979	---	---	---	0.023	0.011	0.003	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.008	0	0	0	0	0	0.002	---	---	0.001	1980
MEAN	---	---	---	0.015	0.008	0.004	0.003	0.002	0.003	0.004	---	---	0.005	MEAN

LOCATION - LAT 49 42 30 N DRAINAGE AREA, .46 km²
LONG 93 42 00 W NATURAL FLOW

LAKE 261 OUTLET NEAR KENORA - STATION NO. 05QD012

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	0.048 AT 22:40 CST ON APR 18	0.040E ON APR 18	0E ON APR 1 *	101	1971
1972	0.051 AT 08:28 CST ON AUG 21	0.052 ON AUG 21	0 ON APR 1	119	1972
1973	0.056 AT 10:42 CST ON JUL 27 *	0.055 ON JUL 27	0 ON MAY 19	156	1973
1975	0.051 AT 17:34 CST ON APR 25	0.038 ON APR 25	0 ON JUL 29	148	1975
1976	0.078 AT 03:30 CST ON APR 17	0.074 ON APR 17	0 ON APR 1	84.7	1976
1977	0.034 AT 00:59 CST ON JUN 18	0.031 ON JUN 19	0E ON APR 1	84.9	1977
1978	---	0.045E ON APR 25	0E ON APR 1	112	1978
1979	---	0.055E ON APR 20 *	0 ON APR 1	99.4	1979
1980	0.023 AT 12:00 CST ON APR 21	0.023 ON APR 21	0 ON MAY 9	26.3	1980
				105	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 265 OUTLET NEAR KENORA - STATION NO. 05QD013

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.017	0.014	0.007	0.006	0.002	0.001	0.008	---	---	0.008	1971
1972	---	---	---	0.008	0.018	0.008	0.007	0.012	0.008	0.005	---	---	0.009	1972
1973	---	---	---	0.008	0.010	0.005	0.009	0.018	0.010	0.017	---	---	0.011	1973
1975	---	---	---	0.026	0.028	0.019	0.005	0	0.006	0.006	---	---	0.013	1975
1976	---	---	---	0.025	0.001	0.001	0.001	0.001	0.001	0	---	---	0.004	1976
1977	---	---	---	0.001	0.002	0.003	0.002	0.001	0.006	0.003	---	---	0.002	1977
1978	---	---	---	0.028	0.026	0.014	0.002	0.001	0.002	0.002	---	---	0.011	1978
1979	---	---	---	0.028	0.017	0.008	0.001	0.001	0.001	0.002	---	---	0.008	1979
1980	---	---	---	0.018	0.001	0	0	0.001	0.002	0.004	---	---	0.004	1980
MEAN	---	---	---	0.018	0.013	0.007	0.004	0.004	0.004	0.005	---	---	0.008	MEAN

LOCATION - LAT 49 43 15 N DRAINAGE AREA, .71 km²
LONG 93 38 00 W NATURAL FLOW

LAKE 265 OUTLET NEAR KENORA - STATION NO. 05QD013

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	0.054E ON APR 18	0E ON APR 1 *	148	1971
1972	0.057 AT 12:46 CST ON AUG 21	0.054 ON AUG 21	0E ON APR 1	188	1972
1973	---	0.042 ON JUL 28	0E ON APR 1	202	1973
1975	0.085 AT 16:27 CST ON APR 26	0.062 ON APR 24	0 ON JUL 29	234	1975
1976	0.127 AT 21:45 CST ON APR 16	0.110 ON APR 17	0 ON MAY 4	76.1	1976
1977	0.078 AT 05:28 CST ON SEP 10	0.034 ON SEP 10	0 ON APR 26	44.5	1977
1978	0.195 AT 14:15 CST ON MAY 26 *	0.122 ON MAY 26	0 ON AUG 4	204	1978
1979	0.151 AT 08:24 CST ON APR 25	0.126 ON APR 25 *	0 ON AUG 3	148	1979
1980	0.041 AT 17:00 CST ON APR 21	0.040 ON APR 21	0 ON MAY 29	85.3	1980
				143	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05QD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.018	0.018	0.011	0.017	0.002	0	0.011	---	---	---	1982
1983	---	---	---	0.008	0.011	0.007	0.006	0.002	0	0	---	---	---	1983
1984	---	---	---	0.011	0.008	0.005	0.004	0	0	0.004	---	---	---	1984
1986	---	---	---	0.018	0.024	0.002	0.001	0	0.003	0.002	---	---	---	1986
1987	---	---	0.007	0.012	0.002	0.003	0.002	0.001	0	0	---	---	---	1987
1988	---	---	---	0.014	0.003	0.001	0.017	0	0	0	---	---	---	1988
MEAN	---	---	0.007	0.014	0.011	0.005	0.008	0.001	0.001	0.003	---	---	---	MEAN

LOCATION - LAT 48 40 47 N, LONG 93 45 28 W
DRAINAGE AREA, 1.02 km²
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05QD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0.040 AT 20:28 CST ON JUL 5	0.038 ON JUL 5	---	---	1982
1983	0.015 AT 11:56 CST ON JUN 23	0.015 ON APR 29	0 ON AUG 31 *	---	1983
1984	0.021 AT 07:30 CST ON JUN 14	---	---	---	1984
1986	---	---	---	---	1986
1987	0.019 ON MAR 28	0.019 ON MAR 28	0 ON MAY 27	---	1987
1988	0.102 ON JUL 7 *	0.095E ON JUL 8 *	0E ON JAN 1	---	1988
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	MEAN

E - ESTIMATED

LAKE 302 UPLAND WATERSHED NEAR KENORA - STATION NO. 05QD024

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	---	---	0.001	0	---	---	---	1986
1987	---	---	---	0.001	0.001	0	0	0.001	0	0	---	---	0	1987
1988	---	---	---	0.003	0	0	0.002	0	0	0	---	---	0.001	1988
MEAN	---	---	---	0.002	0.001	0	0.001	0.001	0	0	---	---	0.001	MEAN

LOCATION - LAT 48 40 22 N, LONG 93 48 00 W
DRAINAGE AREA, .07 km²
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 302 UPLAND WATERSHED NEAR KENORA - STATION NO. 05QD024

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	---	---	---	1986
1987	0.023 ON AUG 11	0.009 ON MAY 21	0 ON APR 1 *	8.81	1987
1988	0.124 ON JUL 7 *	0.048 ON JUL 7 *	0E ON APR 1	15.3	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11.8	MEAN

E - ESTIMATED

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0	0	0	0.008	0.018	0.018	0.007	0	0.018	0.028	0.057	0.002	0.014	1970
1971	---	---	---	0.022	0.010	0.008	0.010	0.001	0.003	0.022	---	---	0.011	1971
1972	---	---	---	0.011	0.007	0.002	0.007	0.008	0.005	0.004	---	---	0.006	1972
1973	---	---	---	0.012	0.004	0.002	0.006	0.007	0.012	0.008	---	---	0.007	1973
1975	---	---	---	0.021	0.010	0.011	0.002	0	0.002	0.002	---	---	0.007	1975
1976	---	---	---	0.022	0.002	0.002	0.001	0.001	0	0	---	---	0.004	1976
1977	---	---	0	0.003	0.006	0.018	0.003	0.001	0.006	0.002	---	---	0.005	1977
1978	---	---	---	0.026	0.013	0.007	0.001	0.002	0.003	0.002	---	---	0.008	1978
1979	---	---	---	0.022	0.012	0.001	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.013	0.001	0	0	0.005	0.008	0.008	---	---	0.004	1980
1981	---	---	---	0.005	0.001	0.001	0.008	0.001	0.008	0.013	---	---	0.005	1981
1982	---	---	---	0.024	0.007	0.004	0.011	0	0.001	0.014	---	---	0.008	1982
1983	---	---	---	0.014	0.005	0.008	0.002	0	0	0	---	---	0.004	1983
1984	---	---	---	0.013	0.003	0.005	0	0	0	0.007	---	---	0.004	1984
1986	---	---	---	0.023	0.008	0	0	0	0	0	---	---	0.005	1986
1987	---	---	0.007	0.006	0.002	0.002	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.010	0.001	0	0.005	0	0	0	---	---	0.002	1988
MEAN	0	0	0.002	0.015	0.007	0.005	0.004	0.002	0.004	0.008	0.057	0.002	0.006	MEAN

LOCATION - LAT 48 38 35 N, LONG 93 44 38 W
DRAINAGE AREA, .54 km²
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1970

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	0.122 ON OCT 31	0 ON APR 1 *	252	1970
1971	---	0.076 ON APR 17	0E ON APR 1	187	1971
1972	0.082 AT 03:15 CST ON AUG 21	0.074 ON AUG 21	0 ON JUN 8	117	1972
1973	0.088 AT 12:30 CST ON APR 21	0.087 ON APR 21	0 ON JUN 2	137	1973
1975	0.091 AT 19:14 CST ON JUN 22	0.071 ON JUN 23	0 ON JUL 12	128	1975
1976	0.078 AT 23:55 CST ON APR 16	0.068 ON APR 17	0 ON MAY 26	72.5	1976
1977	0.074 AT 21:15 CST ON JUN 15	0.059 ON JUN 16	0 ON APR 1	84.3	1977
1978	0.071 AT 03:04 CST ON APR 27	0.071 ON APR 27	0 ON JUL 11	140	1978
1979	0.088 AT 12:50 CST ON APR 25	0.084 ON APR 20	0 ON JUL 10	99.8	1979
1980	0.041 AT 05:45 CST ON APR 20	0.039 ON APR 20	0 ON MAY 25	80.7	1980
1981	0.074 AT 09:25 CST ON JUL 3	0.064 ON JUL 3	0 ON MAY 13	119	1981
1982	0.201 AT 03:25 CST ON APR 15 *	0.155 ON APR 15 *	0 ON JUN 25	161	1982
1983	0.045 AT 01:35 CST ON APR 12	0.042 ON APR 12	0 ON JUL 20	69.6	1983
1984	0.040 AT 02:35 CST ON APR 5	0.038 ON APR 5	0 ON JUL 9	73.5	1984
1985	---	0.085 ON APR 28	0 ON MAY 27	84.7	1985
1987	---	0.013 ON APR 8	0 ON MAY 4	26.5	1987
1988	0.074 ON JUL 7	0.082 ON JUL 8	0E ON APR 1	45.7	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		112	MEAN

E - ESTIMATED

LAKE 382 OUTFLOW - STATION NO. 05OD025

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	0.007	0.017	0.024	0.018	0	0.001	0	0	---	---	0.008	1987
1988	---	---	---	0.010	0.014	0.004	0.050	0.004	0	0	0	---	0.012	1988
MEAN	---	---	0.007	0.014	0.019	0.012	0.025	0.003	0	0	0	---	0.011	MEAN

LOCATION - LAT 49 42 30 N, LONG 93 40 47 W. DRAINAGE AREA, 2.03 km^2. NATURAL FLOW. DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 382 OUTFLOW - STATION NO. 05OD025

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	0.079 ON APR 29	0 ON JUL 7 *	150	1987
1988	0.133 ON JUL 9 *	0.130 ON JUL 9 *	0 ON APR 1	217	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		183	MEAN

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	0.008	0.009	0.011	0.038	0.017	0.039	0.009	0.007	---	1968
1970	0.007	0.009	0.009	0.058	0.073	0.017	0.004	0.001	0.027	0.025	0.025	0.007	0.022	1970
1971	0.004	0	0	0.070	0.015	0.021	0.032	0.008	0.010	0.050	0.028	0.007	0.021	1971
1972	0.003	0.002	0.001	0.042	0.025	0.008	0.028	0.035	0.021	0.014	0.013	0.002	0.016	1972
1973	0.002	0.002	0	0.054	0.018	0.012	0.020	0.023	0.045	0.034	0.010	0.007	0.019	1973
1975	0.004	0.004	0.004	0.058	0.024	0.039	0.009	0	0.007	0.009	0.010	0.008	0.017	1975
1976	0.003	0.002	0.003	0.070	0.008	0.011	0.001	0.001	0	0.002	0.002	0.018	0.010	1976
1977	0.002	0	0	0.011	0.015	0.083	0.015	0.002	0.022	0.008	0.028	0.012	0.015	1977
1978	0.004	0.001	0.001	0.058	0.055	0.025	0.005	0.010	0.010	0.008	0.003	0.008	0.019	1978
1979	0.008	0.008	0.007	0.085	0.051	0.014	0.001	0	0	0	0.007	0.008	0.015	1979
1980	0.003	0.002	0.001	0.048	0.007	0	0.004	0.020	0.018	0.021	0.012	0.005	0.012	1980
1981	0.002	0	0.004	0.024	0.008	0.025	0.038	0.008	0.025	0.044	0.015	0.008	0.016	1981
1982	0.004	0.002	0.002	0.088	0.030	0.021	0.047	0.002	0.003	0.058	0.010	0.008	0.023	1982
1983	0.003	0.002	0.003	0.058	0.015	0.024	0.007	0	0	0	0.001	0.002	0.010	1983
1984	0.010	0.002	0.002	0.058	0.012	0.020	0.004	0	0	0.023	0.018	0.010	0.013	1984
1985	0.001	0.001	0.005	0.057	0.053	0	0.001	0	0.002	0.002	0.004	0.002	0.013	1985
1987	0	0	0.024	0.027	0.008	0.008	0	0	0	0	0	0	0.008	1987
1988	0	0	0	0.031	0.003	0.001	0.015	0.003	0	0	0.003	0.001	0.005	1988
MEAN	0.003	0.002	0.004	0.058	0.024	0.018	0.014	0.008	0.012	0.018	0.011	0.008	0.018	MEAN

LOCATION - LAT 49 39 23 N, LONG 93 43 57 W. DRAINAGE AREA, 1.68 km^2. NATURAL FLOW. DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	0.268A ON APR 15	0 ON AUG 31 *	---	1969
1970	0.422 AT 22:15 CST ON APR 28	0.408 ON APR 28	0 ON JUL 27	881	1970
1971	---	0.195A ON APR 12	0 E ON JAN 31	847	1971
1972	0.288 AT 12:00 CST ON AUG 21	0.285 ON AUG 21	0 ON JAN 14	613	1972
1973	0.218 AT 18:30 CST ON APR 21	0.207 ON APR 21	0 ON JAN 1	598	1973
1974	0.388 AT 18:37 CST ON APR 24	0.278 ON APR 24	0 ON AUG 1	541	1974
1975	0.326 AT 16:33 CST ON APR 15	0.261 ON APR 15	0 ON JUN 2	315	1975
1976	0.248 AT 00:47 CST ON JUN 16	0.215 ON JUN 16	0 A ON JAN 13	480	1976
1977	0.348 AT 16:58 CST ON APR 26	0.305 ON APR 27	0.001 ON FEB 4	586	1977
1978	0.348 AT 19:28 CST ON APR 25	0.310 ON APR 25	0 ON JUL 10	488	1978
1979	0.150 AT 00:07 CST ON APR 21	0.147 ON APR 21	0 ON MAY 28	371	1979
1980	0.215 AT 23:50 CST ON JUL 3	0.188 ON JUL 4	0 ON FEB 10	516	1980
1981	0.645 AT 19:43 CST ON APR 16 *	0.458 ON APR 17 *	0 ON AUG 16	710	1981
1982	0.183 AT 03:06 CST ON APR 13	0.156 ON APR 13	0 ON MAY 2	304	1982
1983	0.154 AT 07:14 CST ON APR 8	0.150 ON APR 8	0 ON JUL 25	412	1983
1984	---	0.282 ON APR 28	0 ON JAN 1	412	1984
1985	0.100 ON MAR 27	0.088 ON MAR 27	0 ON JAN 15	179	1985
1986	0.158 ON JUL 8	0.155 ON JUL 8	0 ON JAN 1	148	1986
MEAN				484	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.036	0.012	0.015	0.005	0	0	0	---	---	0.009	1983
1984	---	---	---	0.033	0.008	0.012	0.002	0	0	0.018	---	---	0.010	1984
1985	---	---	---	0.057	0.025	0	0	0	0.001	0.001	---	---	0.012	1985
1987	---	---	0.018	0.017	0.007	0.005	0	0	0	0	---	---	0.004	1987
1988	---	---	---	0.022	0.002	0.001	0.015	0	0	0	---	---	0.006	1988
MEAN	---	---	0.018	0.033	0.011	0.007	0.004	0	0	0.003	---	---	0.008	MEAN

LOCATION - LAT 49 39 30 N LONG 93 44 23 W

DRAINAGE AREA, 1.25 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	0.105 AT 04:04 CST ON APR 12	0.100E ON APR 12	0 ON JUL 28 *	174	1983
1984	0.117E AT 18:50 CST ON APR 8	0.108E ON APR 8	0 ON JUL 23	185	1984
1985	---	0.182E ON APR 28 *	0E ON JUN 8	224	1985
1987	---	0.040 ON APR 8	0 ON MAY 12	74.6	1987
1988	0.236 ON JUL 7 *	0.155 ON JUL 7	0 ON APR 1	107	1988
MEAN				153	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	28.6	39.8	38.4	42.8	85.1	47.3	25.1	31.2	30.5	11.8	26.4	29.7	34.0	1926
1927	27.7	28.2	28.2	21.7	28.3	50.0	28.7	34.2	16.1	15.5	12.0	5.89	24.5	1927
1928	17.8	31.0	50.5	53.0	84.2	15.9	36.2	50.9	31.9	19.4	28.3	33.4	35.9	1928
1929	36.0	49.8	56.7	93.7	103	82.4	42.0	34.4	23.9	19.1	17.6	14.4	45.9	1929
1930	4.42	16.6	26.6	45.4	39.6	28.5	30.3	18.3	15.7	15.9	14.0	11.7	22.4	1930
1931	13.0	12.2	9.52	2.43	2.56	7.46	14.1	18.0	14.1	12.0	4.95	2.40	9.38	1931
1932	2.38	14.6	32.1	63.0	53.1	16.3	8.26	45.7	34.6	16.1	26.4	30.7	26.6	1932
1933	23.5	7.34	3.14	50.4	53.7	20.9	5.62	6.10	9.17	15.3	12.5	1.68	17.5	1933
1934	2.28	2.51	2.97	48.9	32.4	3.88	22.7	16.6	12.7	15.0	4.99	3.00	13.9	1934
1935	5.52	4.18	3.88	7.44	3.10	24.1	46.2	16.4	9.80	8.00	5.03	1.78	11.3	1935
1936	3.39	8.71	15.9	48.3	37.1	6.90	10.2	8.15	9.11	13.8	11.6	6.23	14.7	1936
1937	21.1	34.1	40.4	12.3	48.0	28.5	19.2	23.3	16.2	13.3	4.35	4.60	22.3	1937
1938	9.99	4.26	14.6	36.2	18.5	5.88	15.3	23.6	15.6	13.5	8.46	3.10	14.1	1938
1939	1.81	4.15	21.6	43.3	47.7	19.9	15.3	30.7	15.1	10.5	2.59	2.06	16.0	1939
1940	8.52	13.2	18.0	5.38	4.43	32.7	22.6	14.4	17.2	14.3	9.23	4.13	13.7	1940
1941	23.7	41.2	46.4	41.8	9.01	14.3	16.7	20.7	18.9	7.46	38.7	41.7	26.6	1941
1942	35.5	22.6	40.1	66.4	66.4	66.1	31.7	30.6	22.4	12.3	2.26	1.87	33.1	1942
1943	4.62	29.2	48.1	70.2	77.2	69.3	36.4	30.6	27.6	14.6	3.49	6.67	35.1	1943
1944	12.6	11.7	9.49	3.26	28.0	24.2	60.7	29.3	12.0	12.6	11.3	5.82	17.7	1944
1945	11.6	13.4	5.53	18.4	40.3	69.7	44.5	27.8	18.3	12.3	5.46	12.1	23.4	1945
1946	33.0	43.3	67.9	26.2	4.81	8.92	17.1	18.6	16.3	17.8	14.7	6.36	22.8	1946
1947	2.11	9.80	11.1	48.0	63.4	64.2	46.5	40.1	28.8	19.1	21.4	16.7	34.4	1947
1948	---	19.8	12.1	24.8	66.1	8.88	16.9	20.9	19.5	16.6	7.11	1.78	---	1948
1949	2.11	2.54	22.2	52.1	31.3	11.6	14.3	13.7	16.4	14.7	14.0	6.91	16.8	1949
1950	2.74	3.31	31.4	67.8	48.1	14.8	18.1	16.3	22.3	23.1	14.0	2.81	23.8	1950
1951	33.4	37.6	32.8	103	91.6	63.8	31.0	17.9	16.6	11.7	4.82	13.1	38.1	1951
1952	32.7	38.7	37.8	70.0	38.0	36.3	18.4	18.1	17.8	17.5	10.6	2.68	26.0	1952
1953	2.86	8.14	7.07	25.1	53.1	50.6	20.7	17.8	20.1	19.1	16.8	7.76	20.8	1953
1954	11.3	13.6	55.6	79.1	74.3	40.7	19.4	19.8	12.9	56.5	81.0	69.6	44.7	1954
1955	56.6	40.3	---	47.1	36.8	15.8	18.6	21.4	19.3	10.5	17.0	27.7	---	1955
1956	29.6	24.3	31.1	44.2	85.3	58.2	46.7	30.4	35.2	16.3	14.8	3.81	33.4	1956
1957	8.37	8.89	26.2	28.5	14.6	17.8	57.6	28.7	20.5	18.8	17.3	16.7	22.0	1957
1958	22.2	30.7	20.4	4.80	9.72	16.8	16.9	18.1	16.8	7.87	5.98	3.12	14.2	1958
1959	8.10	8.06	---	---	---	---	---	---	---	---	---	10.2	---	1959
1960	27.7	46.6	59.2	64.7	91.1	68.4	57.2	27.6	19.7	17.4	17.7	15.6	44.4	1960
1961	15.8	14.1	2.02	2.15	3.67	7.95	13.8	21.6	37.4	26.0	24.9	3.22	14.4	1961
1962	15.4	16.7	15.1	4.73	5.13	12.3	16.5	13.6	12.1	12.0	6.56	6.87	11.8	1962
1963	16.2	17.9	14.6	7.09	21.7	32.0	16.3	12.4	12.6	12.2	11.8	6.44	15.1	1963
1964	10.3	7.71	8.54	8.52	8.36	12.3	16.2	16.2	17.2	13.5	17.2	13.0	12.4	1964
1965	5.15	5.22	6.72	22.1	64.7	16.8	12.5	12.8	12.8	8.10	10.4	36.8	17.4	1965
1966	41.1	38.9	33.3	11.8	10.3	24.8	25.7	17.0	15.2	12.1	5.32	6.11	20.1	1966
1967	23.4	31.8	37.0	7.49	6.27	50.3	92.5	64.2	30.2	26.4	46.8	61.4	40.1	1967
1968	72.7	72.5	29.1	19.5	14.9	25.7	26.2	22.9	22.1	19.3	15.8	20.3	30.0	1968
1969	46.6	49.2	22.1	26.1	76.2	26.0	16.1	17.2	18.7	14.7	8.41	7.51	27.6	1969
1970	14.8	15.0	15.3	31.4	26.0	18.5	31.1	34.2	23.8	17.8	28.7	41.4	25.1	1970
1971	30.0	28.2	20.1	28.8	33.6	14.1	20.5	22.5	21.2	26.0	17.7	7.83	22.7	1971
1972	6.82	20.3	52.5	38.0	82.8	38.0	28.7	36.2	31.4	16.6	23.8	46.8	33.8	1972
1973	57.6	42.1	16.8	62.6	80.6	22.5	24.1	22.8	17.7	15.2	15.7	41.0	34.1	1973
1974	31.3	42.6	42.4	82.3	73.2	28.1	26.8	36.8	24.3	11.5	26.7	31.4	36.2	1974
1975	28.1	26.8	52.6	38.5	56.2	17.3	15.0	15.8	13.8	11.1	8.98	4.17	26.4	1975
1976	22.5	46.6	51.1	60.6	57.8	19.7	36.6	36.0	40.3	31.0	21.0	20.6	36.3	1976
1977	22.8	23.8	16.8	16.8	20.4	16.8	17.4	16.9	21.4	40.8	36.1	45.3	25.3	1977
1978	53.2	61.4	41.9	36.5	42.0	31.3	19.6	16.9	26.6	22.4	12.6	10.7	31.0	1978
1979	14.8	46.2	61.8	34.0	85.4	36.7	21.8	19.4	21.4	21.1	17.9	27.7	31.8	1979
1980	48.8	12.1	16.2	67.0	42.1	22.1	26.2	63.4	37.7	19.6	19.3	26.6	35.5	1980
1981	52.0	48.8	47.8	28.8	26.6	26.0	23.8	21.0	36.2	26.6	26.6	30.6	33.2	1981
1982	37.7	48.1	44.4	44.8	17.1	42.8	33.2	27.1	31.3	26.6	14.2	38.6	33.4	1982
1983	61.2	64.8	17.3	46.0	77.8	26.6	17.6	16.6	21.4	17.1	11.4	16.0	34.3	1983
1984	31.4	53.6	67.8	28.3	24.6	36.0	26.6	26.7	34.8	21.1	10.6	8.30	30.6	1984
1985	31.1	58.4	63.3	63.7	36.6	20.6	20.6	26.2	41.3	47.6	64.6	42.7	43.6	1985
1986	43.8	36.6	36.6	16.2	22.7	46.6	34.1	46.4	64.7	63.2	70.4	67.0	46.6	1986
1987	33.4	26.6	30.8	17.1	14.8	16.1	31.7	31.6	17.6	17.3	36.7	46.6	26.7	1987
1988	42.0	48.0	22.6	8.81	8.20	16.6	12.8	14.4	19.3	21.2	26.8	26.6	22.0	1988
MEAN	24.2	27.6	28.8	38.2	38.8	29.6	26.2	25.0	22.0	19.2	16.2	18.6	26.7	MEAN

DRAINAGE AREA, 3 700 km²
REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	75.7 ON MAY 13	4.68R ON OCT 18	1 070 000	1926
1927	---	53.0R ON JUN 8	3.87R ON NOV 27	774 000	1927
1928	---	84.7 ON MAY 1	8.31 ON JAN 1	1 130 000	1928
1929	---	110 ON APR 13	7.83R ON NOV 28	1 450 000	1929
1930	---	48.9R ON APR 20	3.54R ON JAN 5	707 000	1930
1931	---	24.7R ON AUG 15	1.53 ON NOV 22	286 000	1931
1932	---	74.2R ON APR 15	1.50R ON JAN 3	904 000	1932
1933	---	84.5 ON MAY 1	1.19 ON DEC 10	552 000	1933
1934	---	84.0R ON APR 26	1.47R ON NOV 11	439 000	1934
1935	---	58.3 ON JUN 28	1.42R ON NOV 17	358 000	1935
1936	---	54.4R ON MAY 6	1.42 ON JAN 1	485 000	1936
1937	---	83.4 ON MAY 25	1.38R ON NOV 21	704 000	1937
1938	---	48.4 ON APR 1	1.39R ON DEC 23	448 000	1938
1939	---	56.2R ON APR 27	1.13R ON NOV 26 *	587 000	1939
1940	---	47.0R ON JUN 15	2.18R ON APR 8	434 000	1940
1941	---	60.6R ON APR 20	2.48R ON OCT 12	637 000	1941
1942	---	73.3R ON MAR 29	1.66 ON NOV 22	1 050 000	1942
1943	---	82.7R ON MAY 30	1.58R ON NOV 21	1 110 000	1943
1944	---	84.1 ON JUN 26	2.63R ON MAR 27	581 000	1944
1945	---	78.2R ON JUN 9	1.30R ON MAR 11	739 000	1945
1946	---	81.5 ON MAR 19	1.13R ON DEC 16	721 000	1946
1947	---	87.2R ON MAY 12	1.13 ON JAN 1	1 080 000	1947
1948	---	---	---	---	1948
1949	---	53.2R ON MAY 2	1.19 ON DEC 25	530 000	1949
1950	---	86.6R ON APR 11	1.60 ON JAN 1	781 000	1950
1951	---	150 R ON APR 6 *	2.07 ON OCT 26	1 200 000	1951
1952	---	82.4R ON APR 16	1.84R ON NOV 30	885 000	1952
1953	---	55.8R ON MAY 5	2.12R ON DEC 27	555 000	1953
1954	---	89.6 ON OCT 31	2.04 ON JAN 1	1 410 000	1954
1955	---	---	---	---	1955
1956	---	73.3R ON MAY 14	3.00R ON DEC 3	1 080 000	1956
1957	---	62.0 ON JUL 15	3.45 ON JAN 1	695 000	1957
1958	---	32.6 ON JAN 31	1.13R ON OCT 12	447 000	1958
1959	---	---	---	---	1959
1960	---	112 ON MAY 31	10.3 ON NOV 19	1 410 000	1960
1961	---	43.3R ON SEP 12	1.13 ON MAR 7	453 000	1961
1962	---	18.6R ON JUL 12	1.18R ON JAN 2	285 000	1962
1963	---	38.6 ON JUN 6	4.43 ON MAY 1	478 000	1963
1964	---	26.2 ON NOV 23	3.09 ON DEC 27	383 000	1964
1965	---	87.2 ON MAY 27	3.54 ON JAN 1	848 000	1965
1966	---	45.6 ON JAN 3	2.57 ON NOV 19	634 000	1966
1967	---	118 ON JUL 3	4.31 ON APR 11	1 260 000	1967
1968	---	86.7 ON JAN 18	4.36 ON MAR 21	948 000	1968
1969	---	85.8 ON MAY 18	6.44 ON APR 10	871 000	1969
1970	---	59.2 ON APR 23	8.72 ON MAR 28	791 000	1970
1971	---	53.0 ON APR 14	4.82 ON DEC 10	718 000	1971
1972	---	105 ON MAY 20	6.05 ON JAN 1	1 080 000	1972
1973	---	107 ON APR 10	6.46 ON MAR 17	1 080 000	1973
1974	---	93.1 ON APR 11	10.2 ON OCT 21	1 140 000	1974
1975	---	89.8 ON MAY 8	2.78 ON DEC 11	768 000	1975
1976	---	78.8 ON MAR 24	3.68 ON JAN 1	1 150 000	1976
1977	---	55.7 ON DEC 23	4.38 ON MAR 18	787 000	1977
1978	---	85.2 ON MAY 20	5.25 ON MAY 1	877 000	1978
1979	---	102 ON MAY 18	11.3 ON JAN 11	1 010 000	1979
1980	---	114 ON APR 18	9.08 ON FEB 8	1 120 000	1980
1981	---	84.9 ON MAR 3	14.4 ON APR 6	1 050 000	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 8	1 050 000	1982
1983	---	84.7 ON MAY 23	5.74 ON NOV 17	1 050 000	1983
1984	---	73.3 ON MAR 26	5.88 ON DEC 15	888 000	1984
1985	---	89.8 ON APR 15	8.09 ON JAN 1	1 370 000	1985
1986	---	102 ON OCT 4	11.7 ON MAY 12	1 480 000	1986
1987	---	84.7 ON DEC 31	9.11 ON MAR 25	841 000	1987
1988	---	84.7 ON JAN 1	7.07 ON MAY 8	696 000	1988
				842 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	---	---	---	---	---	---	---	---	15.7	16.2	16.8	17.8	---	1907
1908	17.4	21.2	16.4	16.6	16.9	16.1	16.2	16.5	17.5	17.7	17.7	16.9	17.9	1908
1909	20.6	23.6	23.1	29.6	25.4	20.1	19.0	17.2	20.2	27.4	29.8	31.8	24.0	1909
1910	30.2	29.6	25.3	32.6	32.2	25.3	23.2	21.5	23.4	30.0	33.1	35.5	28.8	1910
1911	34.8	35.0	30.7	32.2	30.3	26.7	23.2	22.7	25.6	34.0	37.1	36.1	31.1	1911
1912	36.8	39.2	36.6	37.8	34.5	30.4	28.3	30.7	20.7	28.7	31.8	33.1	32.6	1912
1913	36.5	36.1	33.6	26.3	31.5	31.8	27.4	20.3	24.8	35.0	36.7	36.6	31.2	1913
1914	30.6	28.6	28.9	21.8	22.7	25.0	22.1	25.3	25.7	28.1	26.2	29.4	26.2	1914
1915	29.4	28.6	23.8	26.6	25.1	23.3	24.5	21.4	24.4	35.5	36.5	37.8	28.2	1915
1916	29.5	25.8	25.6	23.6	32.4	46.1	51.2	45.4	32.4	31.0	32.7	31.4	34.1	1916
1917	29.1	37.3	32.6	38.0	39.6	32.4	30.0	20.8	21.0	36.0	38.6	37.6	32.7	1917
1918	39.6	38.1	34.0	30.8	26.9	32.7	24.5	16.6	22.7	35.0	36.0	36.5	31.6	1918
1919	29.6	19.6	25.3	28.4	32.1	22.7	33.6	25.1	26.3	34.6	36.4	33.8	29.0	1919
1920	28.6	21.1	21.8	22.4	24.9	29.3	27.6	18.4	18.7	27.7	20.2	19.3	23.5	1920
1921	22.7	22.4	19.7	20.5	20.0	17.2	17.4	18.3	25.4	32.5	38.1	25.7	23.3	1921
1922	19.8	20.0	19.3	20.3	21.0	21.1	19.1	16.7	26.2	32.4	33.1	34.8	23.8	1922
1923	28.2	33.5	81.8	104	86.9	82.5	85.0	88.2	95.2	112	101	100	86.1	1923
1924	110	121	128	121	111	101	125	123	128	136	128	121	120	1924
1925	115	117	115	121	101	128	115	132	134	142	130	121	123	1925
1926	143	127	96.8	107	113	123	126	119	128	143	130	123	123	1926
1927	131	128	134	140	125	128	123	124	141	138	111	74.6	124	1927
1928	86.7	101	111	122	124	103	114	119	120	116	124	105	111	1928
1929	103	114	136	134	110	118	111	114	120	112	123	115	117	1929
1930	90.0	89.3	72.2	69.7	35.7	61.5	67.1	62.5	39.5	33.0	31.2	35.5	55.5	1930
1931	36.8	35.7	36.1	37.2	35.8	38.2	43.6	42.4	41.9	36.3	42.5	40.8	38.2	1931
1932	41.3	40.6	36.9	36.9	43.0	38.9	43.3	43.8	48.9	49.5	49.5	46.3	43.6	1932
1933	80.4	84.1	82.1	127	81.7	87.8	76.2	100	97.7	88.6	115	122	88.7	1933
1934	128	124	128	115	121	106	84.7	81.6	82.5	103	108	120	108	1934
1935	101	89.7	108	108	102	85.2	101	114	110	105	97.8	98.6	103	1935
1936	104	117	127	118	122	123	124	133	121	122	114	117	120	1936
1937	107	112	110	106	113	102	130	148	142	134	127	124	121	1937
1938	110	108	108	78.6	88.0	87.1	95.0	111	116	92.5	80.6	105	98.2	1938
1939	75.4	80.6	104	115	97.9	87.2	85.8	89.6	86.2	89.7	88.7	87.4	79.9	1939
1940	82.7	37.7	48.3	41.3	9.12	39.6	48.3	50.4	43.7	54.3	39.4	53.0	44.1	1940
1941	57.1	41.6	38.2	38.5	34.6	43.2	88.9	87.6	86.6	107	118	137	87.6	1941
1942	146	150	148	122	116	118	124	111	125	87.5	101	88.7	121	1942
1943	102	114	127	108	127	100	97.3	127	104	107	105	101	110	1943
1944	102	84.3	78.3	72.5	88.7	97.3	109	116	101	92.6	116	117	97.1	1944
1945	110	118	118	128	89.0	126	125	129	134	86.1	128	130	119	1945
1946	131	122	125	138	135	135	114	113	105	101	93.4	88.5	117	1946
1947	110	140	138	139	128	108	117	128	126	124	122	122	128	1947
1948	137	137	140	141	118	133	139	140	126	120	118	108	129	1948
1949	101	96.5	99.6	94.7	77.9	56.2	56.9	112	112	105	115	121	96.7	1949
1950	127	137	136	138	123	114	119	112	110	136	130	123	125	1950
1951	124	123	127	126	123	142	137	110	111	131	131	130	126	1951
1952	129	134	126	124	110	94.8	113	133	124	107	98.5	113	117	1952
1953	88.2	101	107	82.8	87.8	73.8	123	124	126	120	112	108	101	1953
1954	89.4	108	135	128	121	115	130	141	128	123	110	108	121	1954
1955	109	111	118	125	134	125	110	114	112	105	110	128	117	1955
1956	132	130	120	123	138	126	131	130	128	120	113	121	126	1956
1957	123	122	122	124	113	106	135	140	123	138	139	138	127	1957
1958	140	144	148	146	136	82.8	76.2	83.0	75.5	87.8	89.4	88.7	103	1958
1959	78.1	85.5	90.9	83.1	82.5	79.4	82.4	84.2	87.2	128	121	134	95.4	1959
1960	134	134	127	127	127	118	120	118	111	108	109	89.1	118	1960
1961	85.6	86.5	83.7	81.8	95.4	91.7	98.4	98.8	95.5	95.2	117	126	98.6	1961
1962	124	122	126	124	104	116	138	118	132	135	134	137	126	1962
1963	137	137	132	134	131	137	144	143	138	137	136	134	137	1963
1964	131	134	118	109	117	131	132	142	138	121	140	140	129	1964
1965	141	138	130	128	137	129	137	142	140	135	122	142	135	1965
1966	148	145	137	129	131	131	142	157	154	152	145	144	143	1966
1967	142	136	133	108	103	139	140	125	138	142	141	144	133	1967
1968	135	118	86.4	38.4	38.1	116	137	146	147	147	135	145	116	1968
1969	142	134	128	132	142	142	143	151	152	153	150	142	143	1969
1970	141	140	139	140	143	133	133	153	152	150	146	142	143	1970
1971	137	135	126	119	144	152	147	95.8	91.1	124	139	137	129	1971
1972	143	142	135	133	145	138	93.4	98.8	143	138	147	145	133	1972
1973	141	137	137	86.2	82.1	82.2	97.7	109	135	138	147	140	120	1973
1974	134	127	140	142	131	129	138	127	133	147	138	148	136	1974
1975	145	138	138	130	147	147	140	139	93.1	100	131	131	131	1975
1976	131	125	85.0	120	81.7	77.8	78.0	80.8	80.0	74.2	74.4	85.4	88.4	1976
1977	78.2	83.4	38.7	38.7	35.1	32.8	33.1	33.2	47.6	88.1	86.8	87.8	86.0	1977
1978	102	102	108	112	100	82.6	128	129	122	139	134	135	117	1978
1979	132	131	129	137	134	138	138	128	125	85.4	84.2	86.4	121	1979
1980	118	132	140	126	74.2	61.5	80.3	81.0	81.8	82.1	85.1	124	90.2	1980
1981	138	132	83.8	38.3	51.2	77.6	80.8	41.8	38.4	83.8	78.8	130	78.8	1981
1982	126	121	84.6	80.8	82.8	126	130	126	116	118	118	138	112	1982
1983	145	141	138	142	79.0	87.7	80.2	81.8	82.7	145	145	148	118	1983
1984	147	147	144	142	118	144	152	118	114	109	120	118	131	1984
1985	124	138	143	127	139	138	132	148	150	141	142	161	140	1985
1986	150	148	141	144	132	148	154	117	98.0	140	132	132	136	1986
1987	132	135	138	102	101	85.4	88.7	88.1	85.8	87.2	98.3	108	104	1987
1988	108	108	89.6	88.8	81.0	87.6	85.8	85.8	91.2	139	138	148	105	1988
MEAN	98.8	98.4	97.7	94.3	89.2	90.1	94.1	94.3	92.4	98.8	97.1	98.6	95.5	MEAN

LOCATION - LAT 49 48 20 N
LONG 94 30 10 W REGULATED SINCE 1907

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PE001

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	---	---	---	1907
1908	---	22.1 ON FEB 28	15.7 ON JAN 12	587 000	1908
1909	---	36.6 ON DEC 9	14.8 ON JUL 4	767 000	1909
1910	---	44.2 ON MAY 21	15.0 ON AUG 14	901 000	1910
1911	---	43.3 ON NOV 11	15.8 ON JUL 9	881 000	1911
1912	---	49.3 ON FEB 23	15.7 ON JUL 1	1 030 000	1912
1913	---	45.6 ON JAN 22	17.8 ON APR 13	863 000	1913
1914	---	43.0 ON JAN 13	17.8 ON OCT 25	828 000	1914
1915	---	44.7 ON DEC 14	17.8 ON SEP 5	891 000	1915
1916	---	73.8 ON JUN 28	19.0 ON JAN 23	1 080 000	1916
1917	---	49.6 ON APR 24	16.4 ON AUG 12	1 030 000	1917
1918	---	48.7 ON DEC 27	15.8 ON AUG 18	894 000	1918
1919	---	47.8 ON JUL 22	16.2 ON JUN 8	815 000	1919
1920	---	39.1 ON JUL 3	13.8 ON AUG 18	742 000	1920
1921	---	43.8 ON NOV 22	13.3 ON JUL 3	736 000	1921
1922	---	44.2 ON SEP 23	16.2 ON JUL 16	752 000	1922
1923	---	134 ON OCT 8	17.3 ON JAN 21	2 720 000	1923
1924	---	148 ON OCT 6	15.7 ON JUL 1	3 810 000	1924
1925	---	152 ON OCT 18	15.8 ON MAY 12	3 690 000	1925
1926	---	156 ON SEP 28	28.8 ON JUL 1	3 680 000	1926
1927	---	152 ON SEP 11	46.1 ON DEC 11	3 920 000	1927
1928	---	149 ON NOV 8	17.0 ON SEP 8	3 800 000	1928
1929	---	147 ON JUN 5	26.2 ON JUN 30	3 700 000	1929
1930	---	127 ON JAN 8	0 ON MAY 6 *	1 750 000	1930
1931	---	59.7 ON NOV 24	7.82 ON MAR 21	1 240 000	1931
1932	---	70.5 ON OCT 4	28.3 ON JUN 19	1 380 000	1932
1933	---	149 ON MAR 23	27.4 ON OCT 8	3 800 000	1933
1934	---	145 ON JUN 7	29.7 ON NOV 4	3 410 000	1934
1935	---	151 ON JUL 30	32.6 ON MAY 19	3 240 000	1935
1936	---	151 ON FEB 13	42.5 ON SEP 7	3 800 000	1936
1937	---	155 ON JUL 22	25.8 ON MAY 2	3 820 000	1937
1938	---	152 ON JUL 28	0 ON JUN 24	3 100 000	1938
1939	---	140 ON MAR 18	0 ON AUG 6	2 520 000	1939
1940	---	95.6 ON JAN 13	6.37 ON MAY 9	1 400 000	1940
1941	---	150 ON DEC 27	21.7 ON JUN 8	2 130 000	1941
1942	---	152 ON JAN 16	44.2 ON DEC 25	3 830 000	1942
1943	---	149 ON MAY 12	43.8 ON APR 25	3 470 000	1943
1944	---	148 ON AUG 3	29.7 ON JUL 1	3 070 000	1944
1945	---	152 ON JUL 18	51.0 ON JUL 22	3 780 000	1945
1946	---	150 ON JUN 11	59.5 ON JUL 1	3 700 000	1946
1947	---	151 ON AUG 16	65.4 ON JAN 1	3 980 000	1947
1948	---	150 ON JUL 8	63.8 ON DEC 18	4 080 000	1948
1949	---	142 ON DEC 28	25.8 ON JUN 19	3 020 000	1949
1950	---	146 ON MAY 4	60.4 ON FEB 5	3 850 000	1950
1951	---	147 ON JUL 5	76.5 ON SEP 3	3 980 000	1951
1952	---	148 ON AUG 28	71.6 ON MAY 16	3 710 000	1952
1953	---	142 ON AUG 24	48.7 ON APR 26	3 190 000	1953
1954	---	147 ON JUL 18	63.7 ON JAN 1	3 800 000	1954
1955	---	153 ON JUN 4	83.3 ON JAN 9	3 880 000	1955
1956	---	148 ON MAY 20	83.2 ON NOV 16	3 990 000	1956
1957	---	188 ON DEC 3 *	7.85 ON SEP 15	4 010 000	1957
1958	---	151 ON MAR 30	33.7 ON OCT 20	3 240 000	1958
1959	---	142 ON OCT 16	48.7 ON JUN 8	3 010 000	1959
1960	---	145 ON JUL 31	89.7 ON DEC 18	3 740 000	1960
1961	---	138 ON AUG 8	82.0 ON JUN 4	3 140 000	1961
1962	---	150 ON JUL 11	86.8 ON MAY 27	3 870 000	1962
1963	---	154 ON JUL 18	87.2 ON APR 28	4 310 000	1963
1964	---	151 ON AUG 14	71.8 ON SEP 28	4 080 000	1964
1965	---	150 ON MAY 28	100 ON MAY 23	4 280 000	1965
1966	---	159 ON AUG 15	127 ON APR 10	4 610 000	1966
1967	---	158 ON JUL 5	87.8 ON JUL 20	4 190 000	1967
1968	---	159 ON AUG 26	33.8 ON APR 16	3 880 000	1968
1969	---	156 ON AUG 8	73.8 ON MAY 28	4 600 000	1969
1970	---	165 ON AUG 15	108 ON JUL 1	4 600 000	1970
1971	---	157 ON JUL 3	81.0 ON SEP 6	4 070 000	1971
1972	---	165 ON AUG 28	73.8 ON AUG 2	4 220 000	1972
1973	---	152 ON NOV 1	80.1 ON JUN 25	3 780 000	1973
1974	---	157 ON SEP 28	85.4 ON SEP 20	4 300 000	1974
1975	---	159 ON JUL 1	85.5 ON SEP 5	4 140 000	1975
1976	---	142 ON JAN 6	44.2 ON MAY 30	2 830 000	1976
1977	---	101 ON DEC 21	30.9 ON JUN 16	1 770 000	1977
1978	---	152 ON OCT 28	57.2 ON MAY 30	3 880 000	1978
1979	---	150 ON JUL 11	76.6 ON DEC 31	3 820 000	1979
1980	---	144 ON FEB 18	60.4 ON JUL 1	2 850 000	1980
1981	---	137 ON JAN 14	20.3 ON APR 27	2 480 000	1981
1982	---	148 ON DEC 25	44.8 ON MAY 2	3 640 000	1982
1983	---	155 ON OCT 5	82.2 ON MAY 12	3 740 000	1983
1984	---	156 ON JUL 8	80.8 ON AUG 13	4 130 000	1984
1985	---	158 ON AUG 13	33.6 ON APR 7	4 400 000	1985
1986	---	156 ON JUN 25	83.3 ON SEP 1	4 290 000	1986
1987	---	140 ON MAR 18	43.3 ON MAY 2	3 270 000	1987
1988	---	152 ON DEC 16	78.3 ON MAY 9	3 330 000	1988
	* - EXTREME RECORDED FOR THE PERIOD OF RECORD			3 010 000	MEAN

LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL - STATION NO. 05PE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	20.2	19.7	20.2	---	---	---	18.8	19.1	---	1913
1914	18.4	21.2	20.6	18.3	20.6	20.9	19.9	22.4	22.6	18.8	18.2	18.3	19.5	1914
1915	19.2	21.0	14.8	18.1	11.8	14.0	6.88	5.56	19.0	22.7	25.6	24.0	16.8	1915
1916	20.0	22.4	16.4	18.2	28.3	43.2	51.8	35.8	31.8	30.1	28.8	23.3	28.0	1916
1917	18.0	17.2	30.3	32.0	25.7	14.0	18.4	19.3	19.2	22.8	26.6	21.6	22.1	1917
1918	26.7	23.8	26.6	26.8	24.3	20.0	4.45	6.44	18.4	24.2	25.6	25.3	20.9	1918
1919	18.8	22.3	21.6	29.7	25.3	23.0	27.8	28.4	24.9	29.6	27.1	26.3	25.4	1919
1920	23.4	20.8	8.88	12.1	27.0	26.8	16.9	6.44	24.2	22.3	23.8	20.6	19.1	1920
1921	22.1	18.2	23.6	21.1	21.6	21.8	30.8	8.71	22.6	23.8	26.6	24.8	21.1	1921
1922	18.3	26.2	23.3	18.0	23.8	10.8	22.1	18.4	26.2	27.8	26.8	26.0	22.6	1922
1923	18.6	21.8	28.7	32.2	24.0	21.2	16.3	23.0	24.6	27.7	29.7	24.1	24.1	1923
1924	26.8	28.2	26.6	21.6	26.8	23.6	18.7	18.8	26.6	30.1	27.7	26.2	26.0	1924
1925	26.2	22.6	18.8	22.0	24.2	24.7	22.7	14.7	21.1	26.8	26.2	21.8	22.4	1925
1926	18.2	13.8	20.4	20.1	18.0	14.2	16.8	10.8	20.0	27.2	27.8	21.8	19.1	1926
1927	17.0	22.4	22.0	22.4	28.1	29.2	26.8	22.7	17.9	26.0	26.6	22.6	23.8	1927
1928	21.9	22.9	24.6	24.6	17.2	16.8	22.8	21.2	21.8	30.1	27.4	20.6	22.7	1928
1929	24.4	24.8	20.1	22.8	23.0	20.7	22.8	24.7	16.0	16.7	21.3	18.6	21.3	1929
1930	16.2	7.08	5.31	8.24	13.7	24.6	16.2	16.6	7.12	17.6	11.2	10.7	12.9	1930
1931	11.2	16.6	13.6	8.48	13.8	20.6	21.6	23.6	22.8	27.6	27.8	14.0	18.6	1931
1932	18.4	17.1	15.7	20.8	16.7	14.1	16.7	18.1	20.2	26.2	22.1	8.38	18.4	1932
1933	10.6	8.17	20.0	20.4	21.1	16.8	17.2	16.8	14.0	26.2	26.6	7.08	17.7	1933
1934	14.4	22.0	20.2	22.7	17.2	19.6	16.2	14.6	17.9	26.0	26.6	12.2	19.2	1934
1935	12.9	20.4	17.4	18.1	19.2	15.0	16.6	16.1	20.1	24.6	23.8	12.4	18.0	1935
1936	13.6	22.7	23.2	22.6	17.7	18.1	16.2	20.1	22.7	27.6	27.0	18.6	20.7	1936
1937	16.6	18.2	22.0	24.2	17.0	16.6	16.0	17.4	24.6	26.7	26.6	18.4	20.2	1937
1938	16.2	16.6	12.6	10.2	16.6	30.6	16.2	14.6	24.6	28.4	27.7	11.2	18.6	1938
1939	19.6	16.7	19.0	20.6	18.4	18.1	16.2	23.1	21.2	32.0	33.6	27.6	22.9	1939
1940	17.6	24.2	22.2	26.6	16.1	16.2	20.6	19.4	24.0	27.6	26.1	16.6	20.4	1940
1941	16.2	24.7	19.2	24.6	26.6	27.2	26.4	26.4	24.6	32.6	32.1	23.6	26.6	1941
1942	24.4	26.4	26.2	26.6	20.1	16.6	22.2	20.7	27.2	16.2	20.6	22.2	22.6	1942
1943	19.6	24.4	26.1	23.6	27.4	27.4	26.6	20.6	20.1	26.1	26.1	26.7	26.4	1943
1944	26.7	26.7	26.6	26.2	20.2	26.1	26.1	26.7	26.6	21.6	24.7	30.0	26.6	1944
1945	20.1	26.6	27.7	26.6	27.2	26.2	16.6	20.2	21.6	22.6	26.1	26.1	26.2	1945
1946	26.6	26.6	26.2	26.6	26.6	24.2	17.0	22.2	22.2	26.2	26.2	24.6	26.0	1946
1947	26.2	26.6	26.6	27.6	27.4	26.6	26.0	22.1	22.6	26.4	18.0	16.6	26.6	1947
1948	21.6	22.0	22.7	26.1	26.6	22.6	17.2	16.0	22.2	21.6	22.6	20 6	22.0	1948
1949	16.6	20.2	22.6	20.2	22.0	16.6	12.2	12.6	20.2	21.2	20.1	16.7	18.0	1949
1950	16.6	21.2	20.2	17.6	14.6	26.2	6.17	24.6	26.6	26.2	24.6	21.6	20.6	1950
1951	26.2	26.6	30.6	26.6	32.2	16.2	11.6	16.0	16.1	22.6	16.1	20.6	22.6	1951
1952	16.6	24.7	24.6	24.6	21.7	16.6	16.6	16.0	21.6	23.6	21.6	16.1	21.1	1952
1953	16.2	21.6	20.6	22.2	21.0	20.1	20.6	16.6	16.2	21.0	22.2	21.7	20.2	1953
1954	16.1	22.2	21.6	17.0	22.0	26.6	20.6	16.1	16.6	16.7	16.6	16.7	16.7	1954
1955	16.6	16.0	6.62	6.86	6.67	6.34	6.86	6.16	6.66	6.21	6.62	6.60	6.67	1955
1956	6.01	6.16	6.63	6.66	6.66	6.66	6.26	6.67	6.67	6.76	6.64	6.06	6.61	1956
1957	6.66	6.62	6.60	6.26	2.64	6.66	6.33	6.27	6.66	6.76	6.06	6.66	6.62	1957
1958	6.76	6.66	6.66	6.60	6.34	6.76	6.16	6.60	6.66	6.66	6.11	6.61	6.63	1958
1959	6.30	6.66	6.26	6.66	6.62	6.36	6.67	6.36	6.66	6.76	6.06	6.13	6.66	1959
1960	6.00	6.06	6.66	6.76	6.61	6.00	6.24	6.67	6.07	6.70	6.06	6.03	6.61	1960
1961	6.16	6.06	6.66	6.63	3.69	2.67	3.66	3.17	3.73	3.06	3.60	6.67	6.16	1961
1962	6.66	6.64	6.60	6.60	3.66	6.67	6.12	6.66	3.60	3.32	6.66	6.63	6.60	1962
1963	6.23	6.21	6.62	3.72	3.60	2.11	2.16	2.66	3.66	6.01	6.16	6.62	6.02	1963
1964	6.70	6.76	6.66	6.61	3.61	3.23	6.06	1.66	3.71	6.26	3.62	6.60	6.67	1964
1965	6.63	6.26	6.26	6.66	2.61	6.26	6.26	2.62	6.63	6.06	6.17	6.66	6.66	1965
1966	6.13	6.27	6.64	6.67	0.327	0	0	0	0	0	0	0	2.12	1966
1967	0	0	0	0	0	0	0	0.157	0.802	0.466	0	0	0.101	1967
1968	2.38	3.38	3.46	3.61	3.11	2.74	2.67	2.67	2.66	2.66	2.67	2.63	2.81	1968
1969	2.66	2.66	2.66	1.66	1.61	2.63	2.63	2.63	2.63	2.76	1.96	1.76	2.26	1969
1970	1.70	1.70	1.70	1.70	1.70	1.70	1.26	1.13	1.22	1.66	1.66	1.66	1.64	1970
1971	1.66	1.66	1.70	1.36	1.70	1.70	1.70	2.27	2.34	2.27	2.27	3.06	1.66	1971
1972	1.70	1.70	1.70	1.70	1.66	1.42	0.864	0.860	0.860	0.603	0	0	1.06	1972
1973	---	---	---	---	---	4.78	4.81	4.81	4.81	4.66	0.866	0	---	1973
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
MEAN	16.6	15.6	15.6	16.7	16.6	16.3	13.7	13.0	16.3	17.3	17.4	14.3	16.3	MEAN

LOCATION - LAT 49 45 50 N
LONG 94 33 30 W REGULATED

REMARKS - STATION WAS DISCONTINUED IN 1979 AS THIS OUTLET FROM LAKE OF THE WOODS CEASED TO FUNCTION AS AN OUTLET

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	28.3 ON JUN 22	0.085 ON OCT 11	814 000	1914
1915	---	28.0 ON DEC 8	0.283 ON MAY 18	531 000	1915
1916	---	92.3 ON JUL 19	1.05 ON APR 16	817 000	1916
1917	---	39.6 ON APR 11	2.15 ON JUL 29	696 000	1917
1918	---	34.8 ON MAR 28	0 ON JUL 3 *	660 000	1918
1919	---	41.6 ON OCT 9	1.84 ON JUL 13	801 000	1919
1920	---	38.7 ON JUN 30	0 ON AUG 30	803 000	1920
1921	---	39.4 ON APR 27	0 ON AUG 15	884 000	1921
1922	---	38.2 ON MAY 13	2.83 ON APR 8	708 000	1922
1923	---	40.2 ON MAR 28	0 ON JUL 18	789 000	1923
1924	---	36.8 ON FEB 4	0 ON JUL 8	788 000	1924
1925	---	32.3 ON NOV 27	1.44 ON AUG 30	705 000	1925
1926	---	42.5 ON OCT 21	1.08 ON JUL 11	804 000	1926
1927	---	58.4 ON JUL 28	2.46 ON SEP 4	746 000	1927
1928	---	38.9 ON OCT 27	1.42 ON MAY 13	718 000	1928
1929	---	34.8 ON JAN 24	0 ON SEP 17	671 000	1929
1930	---	36.0 ON JAN 8	1.87 ON JUL 18	407 000	1930
1931	---	32.0 ON AUG 3	2.55 ON MAY 25	883 000	1931
1932	---	37.1 ON NOV 11	2.44 ON JUN 25	882 000	1932
1933	---	39.6 ON OCT 27	2.46 ON JUN 18	857 000	1933
1934	---	37.1 ON FEB 16	2.78 ON JUL 1	805 000	1934
1935	---	31.7 ON APR 10	2.72 ON SEP 8	988 000	1935
1936	---	37.7 ON DEC 28	2.80 ON JUL 12	855 000	1936
1937	---	35.7 ON FEB 11	0 ON JUN 21	840 000	1937
1938	---	38.8 ON MAY 18	2.44 ON SEP 4	894 000	1938
1939	---	36.5 ON OCT 25	2.15 ON JUL 10	723 000	1939
1940	---	34.5 ON MAR 20	0 ON MAY 12	844 000	1940
1941	---	38.6 ON DEC 11	2.97 ON SEP 7	817 000	1941
1942	---	36.5 ON SEP 24	0 ON OCT 11	713 000	1942
1943	---	40.2 ON JUN 25	0 ON MAY 8	833 000	1943
1944	---	39.9 ON JUN 10	1.13 ON NOV 11	850 000	1944
1945	---	40.2 ON APR 18	0 ON JUL 28	796 000	1945
1946	---	39.1 ON MAY 14	0 ON JUL 14	787 000	1946
1947	---	38.5 ON JUN 11	2.89 ON SEP 21	783 000	1947
1948	---	37.7 ON MAY 25	0 ON JUL 5	697 000	1948
1949	---	34.0 ON FEB 4	0 ON JUL 25	598 000	1949
1950	---	72.5 ON JUN 30 *	0 ON JUL 3	848 000	1950
1951	---	39.6 ON MAR 5	0 ON JUL 8	713 000	1951
1952	---	34.8 ON FEB 22	0 ON JUL 8	867 000	1952
1953	---	32.3 ON NOV 4	0 ON AUG 12	837 000	1953
1954	---	40.8 ON MAY 18	0 ON JUL 23	891 000	1954
1955	---	23.0 ON JAN 27	2.48 ON AUG 27	204 000	1955
1956	---	8.04 ON APR 27	2.48 ON SEP 16	174 000	1956
1957	---	7.70 ON FEB 1	0 ON MAY 13	158 000	1957
1958	---	8.61 ON DEC 18	2.75 ON OCT 12	174 000	1958
1959	---	7.25 ON JAN 21	2.04 ON JUL 31	179 000	1959
1960	---	7.28 ON DEC 20	1.84 ON AUG 27	177 000	1960
1961	---	7.42 ON JAN 28	0 ON MAY 7	131 000	1961
1962	---	7.83 ON JUN 6	0 ON APR 26	161 000	1962
1963	---	6.06 ON JAN 23	0 ON MAR 23	127 000	1963
1964	---	7.45 ON OCT 8	0 ON APR 12	141 000	1964
1965	---	7.14 ON NOV 18	0 ON APR 18	144 000	1965
1966	---	7.82 ON APR 5	0 ON MAR 13	86 800	1966
1967	---	0.993 ON AUG 28	0 ON JAN 1	3 200	1967
1968	---	3.77 E ON APR 4	0 ON JAN 1	88 800	1968
1969	---	2.88 ON MAY 30	1.42 E ON APR 16	75 100	1969
1970	---	2.18 ON SEP 28	1.13 E ON JUL 8	81 800	1970
1971	---	2.81 ON AUG 12	1.13 E ON APR 11	81 400	1971
1972	---	1.70 E ON JAN 1	0 ON OCT 23	34 800	1972
1976	---	---	---	---	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	0 ON JAN 1	0 ON JAN 1	0	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
				484 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN - STATION NO. 05PE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	17.0	17.4	---	---	---	15.5	16.3	---	1913
1914	18.8	18.9	18.8	13.7	16.2	16.1	16.5	17.7	18.6	12.0	16.8 R	10.6	15.7 R	1914
1915	18.8	18.4	18.2	14.2	17.4	8.81	14.0	12.3	16.6	19.4	22.7	21.2	16.4	1915
1916	20.4	17.8	18.2	15.4	17.0	19.2	22.6	24.5	25.1	24.9	23.9	20.9	20.7	1916
1917	17.0	21.0	24.6	24.1	19.5	12.9	8.67	5.78	15.2	21.2	22.5	21.3	17.8	1917
1918	23.1	27.4	21.7	20.1	19.1	17.9	13.0	7.88	15.5	20.9	17.0	20.9	18.5	1918
1919	14.9	8.99	17.4	20.8	19.5	18.4	23.0	22.9	20.8	17.0	20.3	21.1	18.7	1919
1920	21.5	8.41	8.22	12.2	14.7	11.2	8.89	12.9	16.2	16.4	17.4	11.8	13.4	1920
1921	18.1	11.6	16.7	13.8	14.9	15.3	13.8	13.1	20.6	20.8	21.2	21.5	16.6	1921
1922	19.8	22.1	20.9	10.8	21.8	11.9	17.3	9.02	19.8	21.0	27.7	24.1	18.8	1922
1923	16.3	17.7	23.1	26.2	13.6	16.4	13.7	14.4	20.6	25.4	27.5	20.6	19.6	1923
1924	24.1	20.5	20.8	17.6	25.4	20.7	22.5	16.6	20.6	26.9	22.9	20.4	21.6	1924
1925	20.1	18.6	18.0	19.2	16.5	---	---	---	15.8	18.4	17.1	15.7	---	1925
1926	11.0	14.4	8.31	14.1	13.9	11.1	10.9	10.5	16.2	20.4	23.4	19.6	14.6	1926
1927	17.2	13.6	13.6	16.6	32.8	33.4	26.9	21.3	12.6	17.7	19.0	16.6	20.2	1927
1928	14.1	16.3	16.4	12.3	14.7	15.9	17.5	15.5	15.6	20.9	19.6	15.2	16.1	1928
1929	24.4	17.0	17.0	16.4	18.1	14.0	18.1	17.5	11.3	13.6	10.9	10.0	15.3	1929
1930	14.5	20.6	18.5	19.8	11.1	0.838	10.1	16.5	17.7	19.7	14.4	16.9	14.9	1930
1931	15.3	11.9	13.7	14.5	15.8	19.0	16.6	16.8	16.3	21.7	22.1	12.1	16.8	1931
1932	8.16	10.2	11.4	10.1	10.7	10.5	7.60	8.06	10.2	15.8	20.5	8.43	10.8	1932
1933	8.31	11.4	4.63	15.5	12.3	10.5	10.7	12.8	10.0	17.6	21.4	11.4	12.0	1933
1934	12.0	16.2	12.7	15.6	14.5	15.3	8.47	9.06	11.2	18.7	19.8	1.86	12.8	1934
1935	10.5	5.44	7.72	10.4	10.4	7.80	9.03	10.5	14.5	18.4	15.6	3.07	10.3	1935
1936	10.7	9.10	11.2	5.81	11.6	10.6	15.1	10.5	16.5	20.6	19.5	4.67	12.4	1936
1937	12.9	12.1	14.9	7.30	4.88	8.22	5.86	7.81	16.5	17.1	19.0	12.2	11.6	1937
1938	6.52	11.2	10.4	5.00	21.7	28.7	19.2	8.74	17.3	21.6	20.4	8.28	14.9	1938
1939	7.85	12.7	11.4	14.7	14.1	12.5	12.7	9.84	25.3	25.0	26.4	21.8	16.1	1939
1940	17.0	17.2	10.2	20.2	14.6	15.6	6.33	10.8	19.1	21.7	20.4	8.16	15.2	1940
1941	14.8	12.2	15.4	18.7	22.7	21.1	18.7	20.1	17.7	37.2	36.0	17.8	21.1	1941
1942	18.5	19.8	20.5	21.6	13.3	18.5	16.6	17.0	18.5	24.0	26.5	26.2	20.2	1942
1943	28.3	31.3	33.5	31.2	32.7	34.6	34.5	26.8	24.7	21.2	22.5	23.0	28.7	1943
1944	21.9	22.4	22.4	21.6	20.7	30.1	26.6	26.6	31.5	18.4	19.8	21.9	23.8	1944
1945	23.8	23.4	22.8	25.8	27.5	19.1	13.4	16.9	17.5	17.8	20.8	20.0	20.7	1945
1946	20.3	21.5	20.3	23.6	25.5	14.8	18.6	19.6	16.8	20.0	20.3	20.3	20.4	1946
1947	21.2	20.5	21.0	22.7	21.8	31.1	26.4	14.8	19.5	18.4	17.5	14.4	20.9	1947
1948	15.5	15.7	17.2	18.4	24.8	18.4	18.6	9.54	17.3	16.5	18.0	16.4	17.3	1948
1949	13.6	17.1	14.4	15.3	11.0	13.1	14.2	16.2	16.3	17.0	16.5	12.6	14.7	1949
1950	15.2	15.2	16.4	13.4	23.7	23.0	26.1	25.0	27.4	19.3	17.1	15.3	19.8	1950
1951	19.8	22.6	23.1	22.2	27.3	16.9	8.42	16.1	15.1	15.0	17.8	12.8	18.2	1951
1952	18.5	21.5	19.3	20.2	18.3	14.2	12.2	15.8	18.0	18.9	17.4	13.8	17.3	1952
1953	15.6	16.1	17.0	16.2	17.6	17.7	17.3	9.34	11.3	18.2	17.7	16.9	15.8	1953
1954	14.1	17.1	14.4	14.7	17.6	28.3	18.2	14.6	16.5	16.0	17.8	14.0	16.9	1954
1955	10.8	11.8	17.8	16.9	15.8	16.9	12.0	16.7	17.4	21.1	21.5	18.0	16.5	1955
1956	17.8	18.8	20.2	23.8	22.9	20.0	17.6	17.0	16.8	16.5	20.6	16.5	19.2	1956
1957	16.0	18.3	17.6	15.2	16.7	17.7	11.3	16.6	17.1	19.5	19.8	19.4	17.3	1957
1958	21.2	18.1	16.9	22.3	19.7	18.3	20.6	11.0	21.4	23.5	21.8	20.2	19.8	1958
1959	18.0	19.6	21.7	21.2	17.1	16.6	16.5	13.9	16.0	22.3	23.7	19.3	19.3	1959
1960	17.6	21.2	20.4	16.5	20.2	19.8	15.2	14.7	16.3	21.8	25.3	16.5	19.1	1960
1961	18.7	19.8	18.9	16.5	18.3	19.4	15.0	15.5	16.0	18.3	18.1	15.6	17.6	1961
1962	20.3	19.4	20.0	13.3	17.6	16.3	15.5	19.0	13.6	15.0	15.1	10.0	16.3	1962
1963	11.4	11.4	13.0	12.8	13.1	11.7	11.3	12.6	16.0	23.1	24.7	22.6	15.5	1963
1964	23.1	23.2	24.1	20.9	15.6	13.3	22.0	7.18	14.8	22.9	14.8	14.7	18.1	1964
1965	12.5	23.0	18.6	17.3	12.2	20.5	21.9	10.9	19.3	22.2	25.9	18.3	18.5	1965
1966	19.9	21.7	22.6	22.1	17.5	20.6	19.6	9.80	19.6	15.9	20.6	14.6	18.7	1966
1967	16.1	15.4	21.3	16.9	14.0	16.7	11.2	8.71	7.79	7.25	6.66	5.80	12.2	1967
1968	5.49	4.92	4.17	4.32	4.36	4.37	4.38	4.46	6.09	6.17	5.50	5.88	5.01	1968
1969	5.81	5.38	5.31	5.10	5.20	5.29	5.67	5.12	7.08	7.11	7.36	6.66	6.08	1969
1970	8.23	8.23	7.44	7.93	7.80	7.08	6.66	6.51	6.59	6.60	6.60	7.36	6.94	1970
1971	7.85	7.47	6.80	6.80	6.85	6.96	6.95	6.58	6.47	6.66	6.66	6.66	6.13	1971
1972	6.66	6.66	6.66	6.66	4.83	0.916	0	0	0	0	0	0	2.36	1972
MEAN	15.8	16.2	16.3	16.3	16.6	16.2	16.2	13.7	16.6	16.4	16.9 R	15.0	16.3 R	MEAN

LOCATION - LAT 49 45 50 N
LONG 94 33 20 W

REGULATED

R - REVISED SINCE JAN 01 1987

LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN - STATION NO. 05PE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	21.2 ON SEP 15	2.07 ON JUL 25	495 000R	1914
1915	---	24.8 ON DEC 12	0.142 ON MAY 31	517 000	1915
1916	---	31.4 ON SEP 21	3.00 ON MAY 21	654 000	1916
1917	---	31.7 ON NOV 24	0 ON JUN 7 *	561 000	1917
1918	---	35.1 ON FEB 11	0 ON JUL 24	567 000	1918
1919	---	32.3 ON JUL 25	0 ON OCT 4	588 000	1919
1920	---	28.7 ON JUL 3	0 ON JUL 25	424 000	1920
1921	---	31.1 ON APR 18	0 ON APR 3	525 000	1921
1922	---	32.0 ON NOV 10	0 ON JUN 2	584 000	1922
1923	---	32.0 ON SEP 20	0 ON MAY 27	618 000	1923
1924	---	31.7 ON JUL 7	0 ON SEP 4	684 000	1924
1925	---	---	---	---	1925
1926	---	32.6 ON NOV 1	0 ON JAN 1	450 000	1926
1927	---	39.4 ON MAY 2	0 ON APR 24	637 000	1927
1928	---	26.9 ON JUN 30	0 ON MAR 25	510 000	1928
1929	---	34.8 ON JAN 24	0 ON MAY 19	452 000	1929
1930	---	25.8 ON APR 21	0 ON FEB 9	459 000	1930
1931	---	24.7 ON OCT 22	0 ON JAN 1	531 000	1931
1932	---	23.3 ON MAR 24	0 ON APR 16	342 000	1932
1933	---	29.4 ON APR 18	0 ON FEB 26	378 000	1933
1934	---	27.4 ON NOV 2	0 ON APR 21	404 000	1934
1935	---	23.5 ON JAN 24	0 ON JUN 26	325 000	1935
1936	---	28.5 ON NOV 6	0 ON MAR 22	398 000	1936
1937	---	27.5 ON JAN 20	0 ON APR 3	365 000	1937
1938	---	38.5 ON JUL 18	0 ON MAR 31	471 000	1938
1939	---	30.5 ON DEC 2	0 ON FEB 4	508 000	1939
1940	---	27.4 ON MAY 14	0 ON JAN 1	461 000	1940
1941	---	41.3 ON NOV 13	0 ON APR 13	885 000	1941
1942	---	31.1 ON DEC 9	0 ON JAN 4	638 000	1942
1943	---	41.8 ON MAY 14 *	3.11 ON OCT 10	906 000	1943
1944	---	37.9 ON JUN 15	0 ON APR 23	753 000	1944
1945	---	40.2 ON APR 25	0 ON JUN 3	684 000	1945
1946	---	31.1 ON MAY 10	0 ON JUN 8	643 000	1946
1947	---	40.2 ON JUN 14	0 ON AUG 3	880 000	1947
1948	---	39.1 ON MAY 10	0 ON SEP 2	846 000	1948
1949	---	25.8 ON FEB 3	0 ON MAY 23	483 000	1949
1950	---	36.5 ON MAY 16	0 ON OCT 8	825 000	1950
1951	---	33.1 ON MAY 21	0 ON JUL 17	575 000	1951
1952	---	29.4 ON FEB 18	0 ON JUN 28	548 000	1952
1953	---	26.7 ON MAR 19	0 ON AUG 19	487 000	1953
1954	---	36.5 ON JUN 4	0 ON JUL 30	533 000	1954
1955	---	26.5 ON DEC 15	3.11 ON JAN 1	520 000	1955
1956	---	34.5 ON APR 15	3.11 ON JAN 1	606 000	1956
1957	---	29.2 ON FEB 4	0.283 ON JUL 3	547 000	1957
1958	---	33.1 ON JUL 5	0 ON JUL 28	626 000	1958
1959	---	29.4 ON FEB 19	3.11 ON JAN 1	509 000	1959
1960	---	30.5 ON MAR 24	0 ON JUL 25	605 000	1960
1961	---	26.9 ON SEP 27	0 ON JUL 24	563 000	1961
1962	---	33.4 ON JUN 7	3.11 ON JAN 1	513 000	1962
1963	---	27.5 ON DEC 15	3.11 ON JAN 1	490 000	1963
1964	---	31.1 ON OCT 6	0 ON AUG 5	572 000	1964
1965	---	32.6 ON JUN 21	3.11 ON JAN 1	583 000	1965
1966	---	30.9 ON MAR 22	0 ON AUG 15	590 000	1966
1967	---	25.4 ON MAR 15	2.94 ON MAR 15	386 000	1967
1968	---	8.62 ON AUG 28	3.79 E ON MAR 13	159 000	1968
1969	---	7.36 ON OCT 29	5.10 E ON MAR 24	192 000	1969
1970	---	7.83 ON MAR 10	6.23 E ON JAN 1	218 000	1970
1971	---	7.65E ON JAN 1	4.81 ON APR 14	183 000	1971
1972	---	5.66E ON JAN 1	0 ON JUN 8	74 900	1972
				513 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	3.11	3.02	2.87	3.11	2.95	3.11	3.11	3.11	---	1913
1914	3.11	3.40	2.76	2.69	3.21	7.32	7.80	5.10	5.02	5.89	5.51	5.04	4.88	1914
1915	4.84	4.61	4.62	5.12	4.43	5.30	5.84	4.83	4.48	4.50	3.67	4.21	4.70	1915
1916	4.34	4.39	4.13	4.85	7.39	9.89	11.0	8.34	5.25	4.87	4.46	3.94	6.16	1916
1917	3.83	4.07	4.84	0.889	0.142	0.142	0.142	0.142	0.142	---	---	---	---	1917
1972	2.66	2.72	2.67	2.55	2.38	2.12	2.76	2.84	2.61	2.75	2.89	2.63	2.62	1972
1973	2.56	2.44	2.31	2.34	2.41	2.53	2.48	2.98	3.53	3.70	3.71	3.67	2.89	1973
1974	3.59	3.48	3.34	3.30	3.71	3.90	3.84	3.80	3.80	3.72	3.68	3.58	3.65	1974
1975	3.49	3.37	3.18	3.05	3.66	3.65	3.88	3.74	3.83	3.54	3.42	3.34	3.51	1975
1976	3.22	3.08	2.97	3.07	3.27	3.34	3.42	3.38	3.24	2.53	0.619	1.55	2.81	1976
1977	1.60	1.47	1.44	1.48	1.40	1.31	1.85	1.63	1.70	1.86	3.28	3.67	1.87	1977
1978	3.66	3.60	3.17	3.14	3.48	3.76	3.84	3.88	3.85	3.73	3.68	3.47	3.67	1978
1979	3.35	3.22	3.11	3.18	3.67	3.73	3.77	3.68	3.54	3.33	3.31	3.28	3.43	1979
1980	3.26	3.24	3.13	3.08	3.17	3.14	3.11	3.07	3.03	3.03	3.06	3.02	3.11	1980
1981	2.80	2.78	2.75	2.79	2.84	3.27	3.62	3.61	3.48	3.47	3.42	3.38	3.18	1981
1982	3.29	3.14	3.08	3.19	3.62	3.77	3.82	3.84	3.73	3.77	3.85	3.85	3.58	1982
1983	3.71	3.64	3.41	3.34	3.35	3.45	3.67	3.67	3.64	3.66	3.65	3.65	3.56	1983
1984	3.60	3.47	3.34	3.32	3.43	3.61	3.80	3.75	3.55	3.47	3.50	3.46	3.53	1984
1985	3.42	3.37	3.27	3.26	3.71	3.85	3.94	3.81	3.84	3.83	3.76	3.74	3.66	1985
1986	3.67	3.65	3.36	3.43	3.78	3.78	3.81	3.75	3.63	3.53	3.42	3.39	3.59	1986
1987	3.31	3.24	3.18	3.19	3.21	3.33	3.30	3.32	3.29	3.33	3.30	3.24	3.27	1987
1988	3.18	3.07	3.00	3.08	3.16	3.20	3.23	3.20	3.44	3.67	3.64	3.65	3.29	1988
MEAN	3.38	3.30	3.19	3.05	3.30	3.71	3.68	3.59	3.47	3.59	3.50	3.50	3.54	MEAN

LOCATION - LAT 49 45 44 N
LONG 94 33 38 W REGULATED SINCE 1900

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	9.06 ON JUL 18	2.69 ON MAR 17	154 000	1914
1915	---	7.93 ON JUN 30	1.78 ON SEP 20	148 000	1915
1916	---	11.6 ON JUN 30 *	3.82 ON DEC 28	195 000	1916
1917	---	6.37 ON MAR 4	0.142 ON APR 7	---	1917
1972	---	3.14 ON JAN 25	1.42 E ON MAR 21	82 800	1972
1973	---	3.79 ON OCT 29	1.85 ON JUL 6	91 100	1973
1974	---	3.96 ON JUN 27	3.20 ON APR 10	115 000	1974
1975	---	3.96 ON JUL 2	2.94 ON APR 13	111 000	1975
1976	---	3.45 ON JUL 3	0 ON OCT 27 *	88 900	1976
1977	---	3.74 ON NOV 22	1.13 ON MAY 28	58 800	1977
1978	---	3.94 ON JUL 28	3.03 ON MAR 31	113 000	1978
1979	---	3.82 ON JUL 2	3.06 ON APR 10	108 000	1979
1980	---	3.28 ON JAN 1	2.94 ON SEP 13	98 480	1980
1981	---	3.58 ON JUL 7	2.72 ON MAR 23	101 000	1981
1982	---	4.00 ON JUL 10	3.05 ON MAR 20	113 000	1982
1983	---	3.78 ON JAN 1	3.30 ON MAY 12	112 000	1983
1984	---	3.84 ON JUL 18	3.25 ON MAR 28	111 000	1984
1985	---	4.00 ON JUL 6	3.22 ON APR 12	115 000	1985
1986	3.88 AT 02:17 CST ON JUN 3 *	3.84 ON JUN 2	3.25 ON MAR 26	113 000	1986
1987	3.45 AT 03:27 CST ON AUG 6	3.41 ON OCT 25	3.06 ON MAY 21	103 000	1987
1988	3.97 AT 14:23 CST ON OCT 20	3.74 ON OCT 20	2.98 ON MAR 7	104 000	1988
				112 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	453	481	367	377	314	158	157	157	---	1913
1914	157	168	221	228	302	484	510	434	305	255	212	210	280	1914
1915	218	217	212	343	458	505	855	518	290	208	185	187	335	1915
1916	198	314	362	494	820	993	1 040	921	737	526	485	402	614	1916
1917	380	481	510	493	277	185	123	140	138	126	122	121	263	1917
1918	118	120	232	142	123	130	135	138	143	136	134	128	140	1918
1919	131	133	333	433	248	267	757	705	471	398	258	204	383	1919
1920	213	261	413	473	578	540	495	323	251	170	134	133	334	1920
1921	169	167	176	524	581	338	235	184	178	171	155	156	253	1921
1922	158	161	159	387	529	515	402	343	282	163	133	126	285	1922
1923	128	124	268	454	289	184	195	174	148	128	124	117	195	1923
1924	111	105	103	105	104	111	117	118	116	106	98.8	99.8	108	1924
1925	78.6	0.226	0	0	0	0	0	0	0	0	0	0	6.82	1925
1926	0	0	43.1	125	147	128	272	140	98.7	403	484	282	177	1926
1927	297	380	416	858	1 140	1 240	1 230	866	282	136	167	178	584	1927
1928	172	225	283	277	184	307	486	174	134	449	390	317	279	1928
1929	293	314	382	291	188	141	119	151	185	180	192	180	218	1929
1930	191	185	177	178	180	151	147	148	131	98.5	83.7	91.7	145	1930
1931	33.9	35.8	36.1	61.3	11.8	1.70	1.70	1.70	1.70	1.70	1.70	25.0	17.7	1931
1932	34.4	21.3	1.70	14.7	57.5	46.2	80.6	74.3	112	162	163	135	74.6	1932
1933	136	164	280	493	245	85.4	103	153	139	132	187	174	188	1933
1934	186	178	198	178	180	153	142	127	117	163	186	173	163	1934
1935	138	128	141	150	154	147	351	158	160	156	154	167	167	1935
1936	186	250	266	178	176	178	185	177	163	170	163	173	189	1936
1937	147	145	153	180	187	165	302	488	262	189	182	182	215	1937
1938	148	133	134	186	895	1 180	756	133	157	185	170	171	380	1938
1939	188	181	199	211	178	187	185	165	143	141	162	148	189	1939
1940	157	155	175	180	187	155	142	128	124	122	126	117	148	1940
1941	119	128	151	150	141	111	142	188	312	1 120	856	531	339	1941
1942	318	202	177	178	235	268	174	155	437	189	183	173	224	1942
1943	177	225	243	184	530	1 080	1 050	238	178	188	189	186	375	1943
1944	183	184	193	191	189	919	876	840	840	175	252	424	455	1944
1945	339	289	278	704	937	395	187	152	185	178	180	147	330	1945
1946	184	178	188	415	565	207	187	180	145	170	184	181	232	1946
1947	205	263	309	305	289	938	727	284	199	246	201	189	348	1947
1948	206	216	273	419	648	258	188	203	195	204	207	187	283	1948
1949	178	187	185	184	170	144	145	157	188	190	200	191	176	1949
1950	187	212	217	218	1 010	1 330	1 410	1 370	1 050	427	261	377	678	1950
1951	385	386	356	357	825	584	258	175	179	188	226	385	352	1951
1952	433	363	359	278	148	118	177	192	178	158	183	182	228	1952
1953	161	141	137	137	92.2	85.6	162	187	188	188	180	188	155	1953
1954	185	174	258	300	798	1 130	577	178	182	181	177	138	355	1954
1955	143	147	143	109	104	60.8	128	151	137	104	148	178	127	1955
1956	185	318	461	578	388	481	263	228	182	181	171	201	302	1956
1957	281	234	188	118	143	128	572	173	124	178	202	228	213	1957
1958	233	200	184	147	143	118	88.7	73.8	129	80.8	72.0	82.4	130	1958
1959	86.1	122	118	124	76.0	88.7	86.8	88.5	111	180	180	209	121	1959
1960	204	186	194	158	149	149	132	144	149	128	122	113	153	1960
1961	101	100	119	79.0	82.0	88.0	92.2	115	118	132	146	182	114	1961
1962	190	222	214	185	148	1 090	841	1 050	618	388	215	237	434	1962
1963	217	185	171	158	170	211	352	389	214	235	229	233	232	1963
1964	236	243	185	182	146	289	751	249	422	941	479	295	388	1964
1965	314	348	412	481	484	824	522	207	208	487	788	408	453	1965
1966	481	531	681	925	1 200	1 230	772	251	248	268	278	256	591	1966
1967	242	243	268	205	190	239	321	225	231	246	247	247	242	1967
1968	247	242	233	181	141	560	957	719	864	629	809	548	493	1968
1969	558	698	712	578	312	668	333	482	389	343	381	484	490	1969
1970	471	478	474	388	525	1 180	1 050	278	287	288	481	615	550	1970
1971	867	857	804	498	284	257	208	230	182	204	923	873	484	1971
1972	883	882	852	694	388	215	180	181	245	255	272	278	384	1972
1973	310	334	278	132	85.4	85.8	39.7	31.0	139	284	530	433	223	1973
1974	427	437	418	430	752	1 140	898	235	288	308	373	417	509	1974
1975	418	500	541	478	337	284	638	275	188	181	231	290	381	1975
1976	337	344	338	300	207	141	138	138	137	108	83.5	134	201	1976
1977	177	180	130	46.0	33.2	27.8	27.8	27.7	138	608	784	834	253	1977
1978	848	882	883	442	191	483	897	362	589	348	339	338	480	1978
1979	328	317	308	350	788	784	387	238	233	228	222	222	362	1979
1980	242	281	338	284	90.3	47.5	46.7	47.2	47.2	48.8	143	286	156	1980
1981	285	276	210	126	59.3	140	218	126	156	192	232	234	187	1981
1982	348	338	227	218	274	568	358	352	257	332	466	622	383	1982
1983	587	518	462	365	194	107	193	201	206	255	323	333	313	1983
1984	411	422	418	288	261	304	328	283	211	181	221	234	294	1984
1985	235	290	310	286	828	879	1 030	482	588	810	887	441	555	1985
1986	431	482	541	352	761	821	271	254	206	258	264	263	385	1986
1987	261	259	257	231	42.7	35.3	11.0	46.8	39.9	86.4	180	228	139	1987
1988	236	242	188	86.0	38.2	18.1	11.0	11.0	100	254	259	284	139	1988
MEAN	250	259	276	287	336	384	373	288	240	249	263	253	287	MEAN

LOCATION - LAT 48 46 15 N
LONG 94 31 25 W REGULATED

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	527 ON JUN 24	153 ON FEB 1	9 140 000	1914
1915	---	888 ON JUL 29	187 ON NOV 23	10 800 000	1915
1916	---	1 070 ON JUN 30	187 ON JAN 21	18 400 000	1916
1917	---	547 ON MAR 14	112 ON JUN 21	7 980 000	1917
1918	---	386 ON MAR 28	108 ON FEB 18	4 420 000	1918
1919	---	821 ON JUL 7	129 ON JAN 1	11 400 000	1919
1920	---	597 ON MAY 5	128 ON DEC 21	10 800 000	1920
1921	---	803 ON APR 19	148 ON DEC 27	7 870 000	1921
1922	---	643 ON MAY 18	124 ON NOV 28	9 310 000	1922
1923	---	547 ON APR 5	111 ON DEC 18	6 140 000	1923
1924	---	141 ON JUL 6	84.3 ON NOV 25	3 420 000	1924
1925	---	86.6 ON JAN 1	0 ON MAR 1 *	208 000	1925
1926	---	640 ON OCT 23	0 ON JAN 1	5 590 000	1926
1927	---	1 260 ON JUN 8	1.70 ON DEC 25	18 400 000	1927
1928	---	725 ON JUN 26	1.70 ON JUN 17	8 830 000	1928
1929	---	453 ON MAR 14	6.34 ON JUL 21	6 890 000	1929
1930	---	243 ON FEB 22	1.64 ON SEP 14	4 880 000	1930
1931	---	188 ON APR 1	1.70 ON JAN 3	558 000	1931
1932	---	220 ON NOV 16	1.70 ON FEB 18	2 360 000	1932
1933	---	629 ON MAY 2	1.70 ON MAY 26	5 840 000	1933
1934	---	214 ON DEC 1	1.70 ON JAN 14	5 140 000	1934
1935	---	564 ON JUL 24	1.70 ON JAN 5	5 270 000	1935
1936	---	378 ON MAR 3	1.70 ON APR 5	5 890 000	1936
1937	---	530 ON JUL 25	1.70 ON JAN 23	8 780 000	1937
1938	---	1 210 ON MAY 22	1.70 ON JAN 5	11 400 000	1938
1939	---	292 ON APR 3	1.70 ON JAN 1	5 340 000	1939
1940	---	213 ON MAR 20	1.70 ON JAN 5	4 880 000	1940
1941	---	1 230 ON OCT 14	5.10 ON JUL 1	10 700 000	1941
1942	---	575 ON SEP 15	1.70 ON JUN 29	7 080 000	1942
1943	---	1 230 ON JUL 2	1.70 ON JAN 1	11 600 000	1943
1944	---	1 220 ON AUG 27	1.70 ON JAN 1	14 400 000	1944
1945	---	1 180 ON APR 25	1.70 ON JUL 15	10 400 000	1945
1946	---	711 ON MAY 27	1.70 ON JUN 30	7 300 000	1946
1947	---	1 230 ON JUN 20	1.70 ON JAN 1	11 000 000	1947
1948	---	1 150 ON MAY 10	1.70 ON SEP 5	8 840 000	1948
1949	---	219 ON JUL 2	1.70 ON APR 24	5 550 000	1949
1950	---	1 430 ON JUL 22 *	103 ON NOV 18	21 300 000	1950
1951	---	881 ON MAY 10	36.2 ON OCT 7	11 100 000	1951
1952	---	478 ON JAN 5	1.70 ON JUL 1	7 220 000	1952
1953	---	219 ON SEP 12	1.70 ON JAN 1	4 880 000	1953
1954	---	1 180 ON JUN 6	1.70 ON SEP 6	11 200 000	1954
1955	---	209 ON DEC 30	1.70 ON JAN 1	4 020 000	1955
1956	---	529 ON MAY 6	9.81 ON SEP 3	9 580 000	1956
1957	---	588 ON AUG 1	1.70 ON JUN 2	8 720 000	1957
1958	---	243 ON JAN 3	1.70 ON JUL 14	4 080 000	1958
1959	---	238 ON NOV 11	1.70 ON JAN 11	3 810 000	1959
1960	---	227 ON JAN 6	1.70 ON APR 17	4 840 000	1960
1961	---	223 ON DEC 12	1.70 ON JAN 4	3 590 000	1961
1962	---	1 240 ON AUG 23	1.70 ON MAY 5	13 700 000	1962
1963	---	588 ON JUN 28	1.70 ON APR 28	7 320 000	1963
1964	---	1 210 ON OCT 6	20.8 ON MAY 31	11 600 000	1964
1965	---	977 ON OCT 21	55.5 ON AUG 28	14 300 000	1965
1966	---	1 250 ON MAY 22	142 ON AUG 21	18 700 000	1966
1967	---	388 ON JUL 7	121 ON SEP 4	7 840 000	1967
1968	---	1 210 ON JUL 22	98.0 ON APR 14	15 600 000	1968
1969	---	835 ON JUN 13	112 ON MAY 28	15 400 000	1969
1970	---	1 250 ON JUL 1	143 ON SEP 7	17 300 000	1970
1971	---	1 150 ON NOV 25	142 ON SEP 6	14 600 000	1971
1972	---	716 ON MAR 17	94.3 ON JUL 1	12 100 000	1972
1973	---	549 ON NOV 10	1.88 ON JUL 10	7 020 000	1973
1974	---	1 210 ON JUN 27	202 ON AUG 15	15 100 000	1974
1975	---	1 020 ON JUL 12	155 ON SEP 1	11 400 000	1975
1976	---	362 ON FEB 19	90.6 ON OCT 13	6 380 000	1976
1977	---	1 020 ON NOV 29	25.7 ON MAY 13	7 880 000	1977
1978	---	773 ON JUL 4	139 ON MAY 19	14 200 000	1978
1979	---	881 ON JUN 6	210 ON NOV 12	11 400 000	1979
1980	---	340 ON FEB 19	26.8 ON JUL 1	4 880 000	1980
1981	---	298 ON JAN 29	47.6 ON MAY 12	5 810 000	1981
1982	---	841 ON DEC 3	178 ON APR 11	11 500 000	1982
1983	---	821 ON JAN 1	97.0 ON JUN 6	8 850 000	1983
1984	---	434 ON MAR 23	175 ON OCT 28	9 300 000	1984
1985	---	1 110 ON JUL 3	228 ON APR 18	17 500 000	1985
1986	---	902 ON JUN 2	186 ON SEP 1	12 100 000	1986
1987	---	282 ON JAN 1	11.0 ON JUN 18	4 380 000	1987
1988	---	288 ON DEC 21	11.0 ON JUN 7	4 290 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 070 000	MEAN

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	0	0	0	0	0	0	0	0	14.8	23.8	121	84.8	21.2	1957
1958	87.1	18.8	25.8	59.7	75.3	89.6	97.2	103	103	113	122	120	82.5	1958
1959	108	97.9	86.6	81.3	81.3	47.0	0	8.04	0.887	151	162	145	81.4	1959
1960	123	105	87.2	77.4	85.3	117	134	124	114	97.0	97.8	90.0	104	1960
1961	80.1	71.4	84.3	86.8	86.7	75.9	74.8	64.0	62.8	44.1	37.5	35.8	80.8	1961
1962	30.5	28.6	29.2	30.4	43.0	74.8	86.6	2.37	0	87.5	152	136	56.9	1962
1963	120	105	91.8	83.7	88.7	58.3	0	0	0	151	134	110	76.3	1963
1964	81.7	78.7	87.7	58.8	84.5	117	21.1	38.3	14.8	0	0	0	47.5	1964
1965	58.1	120	101	90.6	108	134	37.2	120	170	120	0	0	87.8	1965
1966	0	0	0	0	0	0	0	82.1	138	122	103	89.2	42.8	1966
1967	77.8	89.5	81.7	89.1	78.4	108	117	122	112	84.2	81.8	71.9	87.8	1967
1968	85.1	59.1	54.2	58.4	84.3	73.9	0	0	0	0	0	0	32.8	1968
1969	0	0	87.7	104	118	147	181	108	0	0	0	0	59.7	1969
1970	0	0	113	111	112	128	83.7	52.5	173	170	5.77	0	80.3	1970
1971	0	0	78.7	130	148	162	142	134	118	111	38.4	0	87.7	1971
1972	0	0	0	58.9	138	137	126	120	122	135	139	121	91.7	1972
1973	107	84.5	84.7	77.0	84.5	85.5	98.6	117	129	132	134	130	108	1973
1974	118	103	83.2	84.8	92.1	0	0	0	0	120	170	167	78.3	1974
1975	131	110	95.1	82.1	101	125	125	127	124	109	98.2	85.5	110	1975
1976	76.2	66.7	58.3	63.2	77.9	73.5	73.1	64.6	56.2	46.3	42.1	35.8	61.4	1976
1977	32.0	31.8	30.7	31.4	44.0	51.7	85.3	69.6	63.0	59.8	0	0	41.7	1977
1978	87.6	134	106	87.2	98.0	37.5	57.0	39.6	169	163	135	115	102	1978
1979	96.2	83.9	74.4	87.9	94.5	118	122	68.6	130	137	155	154	108	1979
1980	137	118	98.8	86.1	85.1	81.8	81.0	71.9	70.7	73.1	72.0	67.4	88.5	1980
1981	63.4	59.2	53.6	51.2	55.6	59.0	60.2	56.3	48.7	40.5	39.1	41.3	52.1	1981
1982	40.4	43.1	45.0	45.7	74.8	92.2	4.54	132	86.7	146	122	72.9	76.8	1982
1983	61.9	60.2	57.3	54.2	55.1	52.9	57.2	58.7	59.1	65.6	66.8	75.2	62.1	1983
1984	68.8	62.8	55.6	54.4	72.8	104	32.4	31.8	103	112	97.0	90.3	73.6	1984
1985	84.0	75.4	67.0	66.7	138	178	0	0	0	0	0	48.0	54.8	1985
1986	86.6	82.1	70.6	68.2	15.3	77.3	120	96.2	77.7	72.1	70.4	70.6	78.4	1986
1987	87.9	84.8	80.1	80.7	87.7	77.7	77.8	73.5	68.7	58.2	51.5	48.2R	84.8R	1987
1988	40.2	36.2	36.2	34.2	40.8	45.0	53.7	62.7	66.6	74.6	81.0	80.6	54.2	1988
MEAN	86.7	81.9	82.7	84.6	78.6	86.3	86.8	86.4	75.6	87.6	78.6	71.6R	72.3R	MEAN

LOCATION - LAT 50 52 10 N
LONG 91 27 30 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	146 ON SEP 21	0 ON JAN 1 *	668 000	1957
1958	---	125 ON NOV 8	16.6 ON MAR 23	2 600 000	1958
1959	---	178 ON OCT 10	0 ON JUN 8	2 570 000	1959
1960	---	137 ON JUL 13	7.08 ON JUN 2	3 300 000	1960
1961	---	85.0 ON JAN 1	5.89 ON MAY 26	1 820 000	1961
1962	---	180 ON OCT 21	0 ON MAY 31	1 600 000	1962
1963	---	191 ON OCT 6	0 ON JUN 15	2 470 000	1963
1964	---	150 ON AUG 30	0 ON JUL 15	1 500 000	1964
1965	---	195 ON AUG 13	0 ON JAN 1	2 770 000	1965
1966	---	163 ON AUG 21	0 ON JAN 1	1 350 000	1966
1967	---	127 ON AUG 17	58.6 ON APR 12	2 760 000	1967
1968	---	133 ON JUN 16	0 ON JUN 20	1 030 000	1968
1969	---	188 ON AUG 8	0 ON JAN 1	1 880 000	1969
1970	---	181 ON AUG 27	0 ON JAN 1	2 530 000	1970
1971	---	159 ON MAY 24	0 ON JAN 1	2 770 000	1971
1972	---	148 ON MAY 26	0 ON JAN 1	2 800 000	1972
1973	---	136 ON OCT 23	73.3 ON APR 13	3 360 000	1973
1974	---	193 ON NOV 8	0 ON MAY 27	2 470 000	1974
1975	---	142 ON JAN 1	78.4 ON APR 21	3 480 000	1975
1976	---	83.5 ON JUN 23	5.04 ON JUN 3	1 840 000	1976
1977	---	93.4 ON OCT 11	0 ON OCT 22	1 320 000	1977
1978	---	200 ON AUG 29	0 ON JAN 1	3 220 000	1978
1979	---	180 ON NOV 26	0 ON AUG 10	3 430 000	1979
1980	---	148 ON JAN 1	83.3 ON DEC 30	2 800 000	1980
1981	---	85.6 ON JAN 7	35.5 ON NOV 9	1 640 000	1981
1982	---	192 ON AUG 8	0 ON JUN 26	2 380 000	1982
1983	---	86.0 ON OCT 26	50.7 ON JUN 22	1 950 000	1983
1984	---	141 ON SEP 14	12.7 ON AUG 29	2 330 000	1984
1985	---	205 ON JUN 26 *	0 ON JUL 1	1 730 000	1985
1986	---	136 ON JUN 23	0 ON MAY 10	2 410 000	1986
1987	---	81.4 ON JUN 21	43.1 R ON DEC 26	2 040 000R	1987
1988	---	83.6 ON NOV 18	33.1 ON APR 10	1 720 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 280 000R	MEAN

R - REVISED SINCE JAN 01 1987

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 04CA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	34.2	41.1	82.4	54.4	38.1	82.1	180	185	189	181	---	1935
1936	112	82.2	85.8	70.7	124	128	36.1	38.6	35.7	33.8	40.5	43.1	67.6	1936
1937	43.1	42.8	43.5	44.5	80.1	238	100	82.6	56.6	49.4	62.2	52.5	75.7	1937
1938	47.8	81.4	78.4	86.0	185	173	146	108	126	53.9	52.2	53.5	95.6	1938
1939	64.9	57.9	58.1	58.1	57.7	77.8	229	58.6	60.4	121	78.5	67.3	83.6	1939
1940	58.4	82.2	58.2	81.8	82.1	82.8	59.2	65.1	28.4	31.0	21.7	18.7	48.3	1940
1941	21.4	57.7	80.0	80.5	80.8	81.3	71.4	34.8	137	284	135	104	88.1	1941
1942	70.8	88.4	81.8	86.4	80.3	33.5	34.0	75.5	284	180	73.4	77.4	67.0	1942
1943	77.3	75.2	72.3	86.4	37.3	107	185	133	111	150	82.6	89.0	98.3	1943
1944	87.9	72.8	43.7	34.3	15.6	180	86.0	102	55.0	51.3	42.0	78.4	71.6	1944
1945	80.3	48.8	84.8	100	87.7	88.7	187	43.7	83.5	88.6	52.8	85.5	75.2	1945
1946	85.4	85.4	85.3	85.7	251	250	250	177	45.5	80.3	83.1	104	120	1946
1947	89.6	86.2	86.2	86.8	86.4	237	182	108	87.2	42.3	48.3	85.1	84.0	1947
1948	86.6	80.7	83.0	80.5	82.8	80.2	154	83.6	88.0	85.6	84.3	85.4	88.6	1948
1949	49.8	45.7	51.0	88.8	83.7	85.0	48.4	77.1	88.8	46.5	133	128	88.4	1949
1950	85.8	82.8	108	103	126	317	371	200	78.3	85.4	113	122	152	1950
1951	102	110	80.2	74.2	85.8	84.8	146	48.4	34.0	83.7	82.2	82.0	77.5	1951
1952	81.6	81.7	80.6	80.3	80.3	80.0	241	88.8	33.2	80.4	78.6	72.4	76.7	1952
1953	70.1	74.0	74.1	100	78.1	193	387	148	84.2	87.2	87.5	87.5	113	1953
1954	88.7	81.8	88.7	130	217	401	150	87.6	51.4	48.8	84.8	107	122	1954
1955	84.6	75.3	102	117	51.0	180	105	45.6	51.7	80.8	52.1	83.8	80.2	1955
1956	80.6	71.0	112	107	88.7	245	132	85.8	47.8	41.1	82.4	80.3	86.0	1956
1957	81.8	48.4	80.8	80.6	82.3	120	188	87.8	38.6	38.3	35.3	29.1	82.0	1957
1958	18.8	18.5	18.8	10.1	0	0	0.842	0	0.193	0.258	0	1.41	5.44	1958
1959	2.41	2.41	2.26	0.425	0.425	305	351	245	189	3.38	0.935	2.41	82.4	1959
1960	2.41	2.41	1.88	1.11	0.425	0.425	0.425	0.425	2.15	0.747	0.425	0.425	1.10	1960
1961	0.535	1.84	1.36	0.425	0.424	0.817	1.36	0.425	0.880	0.425	0.425	0.784	0.788	1961
1962	0.850	0.850	0.802	0.425	0.724	3.74	1.17	4.09	108	58.8	1.02	0.425	15.1	1962
1963	1.48	2.41	1.99	0.425	0.425	0.425	117	154	80.0	1.42	1.46	1.88	30.5	1963
1964	2.88	2.83	2.83	1.81	0.594	0.426	0.425	0.425	89.8	300	227	81.8	58.4	1964
1965	28.0	80.3	0.850	0.850	0.507	0.425	5.85	28.7	1.42	1.42	74.2	182	31.6	1965
1966	128	78.5	78.5	101	148	322	262	52.1	1.42	1.42	1.42	1.42	88.0	1966
1967	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1967
1968	1.42	1.42	1.42	1.42	1.42	1.42	223	178	267	185	267	244	113	1968
1969	70.5	84.5	102	1.42	1.42	1.42	10.1	85.8	123	289	215	189	88.0	1969
1970	100	14.1	1.42	1.42	1.42	1.42	1.42	0.485	0	2.72	107	115	28.0	1970
1971	114	107	51.5	5	0	0	0	0	0	0	0	52.3	28.7	1971
1972	77.5	77.1	76.2	55.1	0	0	0	0	0	0	0	0	24.5	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	8.81	433	328	50.0	204	29.4	3.06	0	88.0	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	116	130	0.400	0	0	0	21.1	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
1985	0	0	0	0	4.87	15.7	318	181	183	205	195	186	108	1985
1986	38.0 R	0	0	0	0	27.0	0	0	0	0	0	0	5.27 R	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	0	0	0	0	0	1988
MEAN	39.0 R	36.1	35.2	34.1	39.6	83.6	86.6	56.2	56.3	52.6	50.6	50.0	52.1 R	MEAN

REGULATED SINCE 1958

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

REMARKS - FORMERLY CALLED "ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH". SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 04GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	---	---	---	1935
1936	---	200 ON JUN 23	---	---	1936
1937	---	175 ON JUN 4	26.6 ON OCT 7	2 140 000	1937
1938	---	259 ON JUN 7	33.7 ON DEC 25	2 390 000	1938
1939	---	227 ON JUN 23	34.8 ON DEC 25	3 020 000	1939
		311 ON JUL 12	40.8 ON SEP 4	2 840 000	
1940	---	85.7 ON FEB 19	13.6 ON SEP 15	1 530 000	1940
1941	---	297 ON SEP 28	14.5 ON JAN 5	2 810 000	1941
1942	---	340 ON SEP 12	23.9 ON JUL 26	2 740 000	1942
1943	---	183 ON JUL 14	27.8 ON MAY 23	3 100 000	1943
1944	---	223 ON JUN 19	2.83 ON MAY 13	2 280 000	1944
1945	---	259 ON JUL 12	14.2 ON AUG 11	2 370 000	1945
1946	---	309 ON MAY 17	0 ON OCT 8 *	3 780 000	1946
1947	---	309 ON JUN 16	28.6 ON OCT 20	2 860 000	1947
1948	---	215 ON JUL 10	38.5 ON NOV 2	2 210 000	1948
1949	---	164 ON NOV 16	5.66 ON OCT 3	2 180 000	1949
1950	---	388 ON JUL 17	84.8 ON SEP 7	4 780 000	1950
1951	---	182 ON JUL 10	28.0 ON AUG 13	2 440 000	1951
1952	---	309 ON JUL 25	2.83 ON SEP 20	2 490 000	1952
1953	---	419 ON JUL 10	28.3 ON AUG 18	3 580 000	1953
1954	---	422 ON JUN 9	22.7 ON SEP 30	3 850 000	1954
1955	---	286 ON JUN 9	45.5 ON MAY 6	2 530 000	1955
1956	---	314 ON JUN 5	1.42 ON OCT 3	2 720 000	1956
1957	---	263 ON JUN 30	17.0 ON SEP 6	1 980 000	1957
1958	---	27.3 ON APR 15	0 ON APR 21	172 000	1958
1959	---	518 ON AUG 26	0.425 ON MAR 25	2 810 000	1959
1960	---	21.8 ON SEP 21	0.425 ON APR 16	34 700	1960
1961	---	20.0 ON JUL 23	0.396 ON MAY 4	24 200	1961
1962	---	149 ON SEP 17	0.425 ON MAR 29	478 000	1962
1963	---	181 ON JUL 24	0.425 ON JAN 1	862 000	1963
1964	---	345 ON OCT 6	0.425 ON MAY 13	1 850 000	1964
1965	---	172 ON DEC 4	0.425 ON MAY 7	895 000	1965
1966	---	391 ON JUN 10	1.42 ON AUG 11	3 090 000	1966
1967	---	1.42 ON JAN 1	1.42 ON JAN 1	44 800	1967
1968	---	284 ON NOV 5	1.42 ON JAN 1	3 570 000	1968
1969	---	378 ON OCT 12	1.42 ON JAN 15	3 090 000	1969
1970	---	121 ON JAN 1	0 ON AUG 13	816 000	1970
1971	---	118 ON JAN 2	0 ON MAR 17	843 000	1971
1972	---	148 ON APR 11	0 ON APR 20	773 000	1972
1973	---	0 ON JAN 1	0 ON JAN 1	0	1973
1974	---	541 ON JUN 12 *	0 ON JAN 1	2 770 000	1974
1975	---	0 ON JAN 1	0 ON JAN 1	0	1975
1976	---	0 ON JAN 1	0 ON JAN 1	0	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	163 ON AUG 8	0 ON JAN 1	885 000	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
1980	---	0 ON JAN 1	0 ON JAN 1	0	1980
1981	---	0 ON JAN 1	0 ON JAN 1	0	1981
1982	---	0 ON JAN 1	0 ON JAN 1	0	1982
1983	---	0 ON JAN 1	0 ON JAN 1	0	1983
1984	---	0 ON JAN 1	0 ON JAN 1	0	1984
1985	---	417 ON JUL 8	0 ON JAN 1	3 380 000	1985
1986	---	140 ON JAN *	0 ON JAN 11	189 000R	1986
1987	---	0 ON JAN 1	0 ON JAN 1	0	1987
1988	---	0 ON JAN 1	0 ON JAN 1	0	1988
				1 640 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	0.239	0.246	---	1981
1982	0.340	0.584	1.16	4.85	13.0	2.78	0.484	0.416	0.343	0.570	2.48	2.88	2.51	1982
1983	2.30	1.72	1.73	4.80	13.0	6.85	0.851	0.577	1.14	0.611	0.540	0.555	3.06	1983
1984	0.658	0.785	1.35	12.1	8.71	2.33	5.68	2.11	0.863	0.881	1.57	2.75	3.33	1984
1985	2.43	1.78	2.06	7.06	11.7	1.28	1.14	2.81	1.50	1.18	1.62	2.30	3.10	1985
1986	1.50	1.11	1.81	8.22	8.44	1.75	0.879	0.852	1.37	2.00	2.30	2.08	2.80	1986
1987	1.53	1.32	1.30	7.56	4.10	4.66	3.59	1.88	0.823	0.773	0.868	1.05	2.42	1987
1988	1.50	1.87	4.67	13.8	8.11	1.89	1.34	1.62	1.37	3.48	6.15	4.36	3.98	1988
MEAN	1.46	1.26	2.06	8.62	9.28	3.36	1.87	1.47	1.04	1.35	1.87	2.03	3.03	MEAN

LOCATION - LAT 48 01 36 N
LONG 79 34 41 W
DRAINAGE AREA, 256 km^2
REGULATED

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	22.4 AT 15:07 EST ON MAY 5	21.4 ON MAY 6	0.273 ON OCT 2 *	78 200	1982
1983	20.1 AT 17:44 EST ON MAY 31	19.5 ON JUN 1	0.483 ON JUL 1	88 500	1983
1984	24.0 AT 16:13 EST ON APR 19 *	23.7 ON APR 20 *	0.5008 ON JAN 1	105 000	1984
1985	23.1 AT 17:25 EST ON APR 30	22.2 ON MAY 1	0.340 ON JUN 26	97 700	1985
1986	14.6 AT 18:02 EST ON MAY 1	14.3 ON MAY 2	0.702 ON JUL 24	88 200	1986
1987	9.32 AT 12:23 EST ON APR 30	9.12 ON APR 30	0.430E ON SEP 27	76 500	1987
1988	---	18.7 ON APR 18	0.845 ON AUG 2	128 000	1988
				95 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	0.185	0.210	0.098	0.105	0.236	0.267	0.434	---	1959
1960	0.302	0.443	0.700	2.28	0.931	0.382	0.121	0.154	0.082	0.129	0.249	0.138	0.482	1960
1961	0.118	0.907	0.820	0.657	0.428	0.184	0.178	0.134	0.137	0.076	0.301	0.335	0.353	1961
1962	0.188	0.145	1.28	0.598	0.098	0.185	0.118	0.138	0.075	0.202	0.354	0.375	0.311	1962
1963	0.205	0.156	1.52	0.585	0.464	0.085	0.075	0.135	0.068	0.088	0.155	0.044	0.302	1963
1964	0.420	0.227	0.876	0.648	0.289	0.182	0.189	0.441	0.118	0.120	0.144	0.559	0.352	1964
1965	0.532	1.87	0.821	2.37	0.481	0.076	0.138	0.125	0.076	0.490	0.544	0.907	0.689	1965
1966	0.250	0.526	0.811	0.447	0.377	0.220	0.058	0.132	0.044	0.115	0.595	0.951	0.385	1966
1967	0.631	0.367	0.778	1.55	0.271	0.800	0.441	0.228	0.251	0.414	0.943	0.815	0.632	1967
1968	0.311	1.07	1.30	0.343	0.311	0.265	0.116	0.884	0.580	0.440	0.500	0.523	0.551	1968
1969	0.588	0.661	1.07	0.956	0.704	0.240	0.218	0.120	0.337	0.171	0.308	0.438	0.484	1969
1970	0.213	0.236	0.701	0.888	0.315	0.125	0.568	0.150	0.382	0.511	0.487	0.880	0.438	1970
1971	0.215	0.416	0.897	1.33	0.254	---	---	---	---	---	0.362	0.623	---	1971
1972	0.450	0.227	1.04	1.81	0.365	0.485	0.311	0.170	0.207	0.488	0.838	0.702	0.598	1972
1973	0.872	0.531	2.18	0.739	0.801	0.227	0.175	0.231	0.140	0.243	0.636	0.487	0.581	1973
1974	0.828	0.584	1.48	1.05	1.48	0.325	0.228	0.101	0.132	0.418	0.451	0.208	0.605	1974
1975	0.624	0.493	0.833	0.888	0.322	0.441	0.135	1.02	0.450	0.270	0.728	0.585	0.564	1975
1976	0.383	1.29	1.90	0.809	0.822	0.176	0.165	0.163	0.186	0.262	0.635	0.186	0.570	1976
1977	0.100	0.218	1.80	0.648	0.173	0.146	0.233	0.361	0.633	0.774	0.613	0.823	0.630	1977
1978	0.342	0.219	0.688	1.78	0.486	0.067	0.073	0.163	0.339	0.219	0.894	0.353	0.451	1978
1979	0.310	0.137	1.65	1.15	0.855	0.215	0.185	0.127	0.180	0.220	0.671	0.801	0.533	1979
1980	0.401	0.185	1.10	0.836	0.328	0.267	0.159	0.124	0.180	0.235	0.354	0.514	0.380	1980
1981	0.104	1.09	0.843	0.203	0.220	0.188	0.111	0.198	0.408	0.744	0.808	0.227	0.360	1981
1982	0.214	0.148	1.43	1.75	0.138	0.415	0.228	0.488	0.439	0.541	1.13	1.55	0.708	1982
1983	0.487	0.692	0.851	0.771	0.809	0.375	0.206	0.297	0.227	0.315	0.803	0.727	0.537	1983
1984	0.264	1.72	1.16	0.808	0.358	0.472	0.178	0.181	0.381	0.247	0.881	0.888	0.584	1984
1985	0.342	1.18	2.14	1.35	0.119	0.302	0.258	0.488	0.827	0.338	1.26	0.735	0.767	1985
1986	0.478	0.317	1.71	0.350	0.587	0.518	0.288	0.504	1.74	1.55	0.571	0.890	0.778	1986
1987	0.317	0.243	1.14	0.681	0.104	0.116	0.667	0.529	0.302	0.438	0.836	0.800	0.517	1987
1988	0.508	0.574	1.10	0.537	0.289	0.048	0.235	0.157	0.405	0.497	1.07	0.413	0.485	1988
MEAN	0.382	0.578	1.17	0.994	0.433	0.282	0.218	0.278	0.317	0.372	0.813	0.883	0.521	MEAN

LOCATION - LAT 43 26 08 N
LONG 80 31 08 W
DRAINAGE AREA, 58.8 km^2
REGULATED

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	13.6 AT 22:00 EST ON MAR 30	8.72 ON MAR 31	0.011 ON JUL 8	15 800	1960
1961	18.0 AT 09:00 EST ON FEB 23	7.50 ON FEB 23	0.011 ON SEP 28	11 100	1961
1962	10.2 AT 13:00 EST ON JUN 10	3.51 ON MAR 25	0 ON MAY 27 *	8 820	1962
1963	14.0 AT 20:00 EST ON MAR 26	9.63 ON MAR 25	0 ON JUL 7	8 520	1963
1964	17.5 AT 06:20 EST ON AUG 3	4.42 ON DEC 25	0.003 ON OCT 4	11 100	1964
1965	45.0 E AT 17:50 EST ON FEB 10 *	17.4 E ON FEB 10 *	0.008 ON JUN 25	22 100	1965
1966	8.67 AT 19:50 EST ON DEC 7	5.68 ON DEC 7	0 ON OCT 3	12 100	1966
1967	28.7 AT 01:40 EST ON APR 3	12.8 ON APR 3	0.017 ON OCT 5	19 800	1967
1968	37.1 AT 03:15 EST ON AUG 8	13.7 ON AUG 8	0.020 ON APR 3	17 400	1968
1969	7.70 AT 18:08 EST ON JAN 30	4.70 ON JAN 30	0.034 ON AUG 14	15 300	1969
1970	7.78 AT 15:05 EST ON AUG 12	2.13 ON APR 8	0.027 ON JUN 14	13 800	1970
1971	7.28E AT 03:00 EST ON APR 2	5.78E ON APR 2	---	---	1971
1972	13.4 AT 12:01 EST ON JUN 21	6.80 ON APR 13	0.085 ON SEP 21	16 800	1972
1973	10.8 AT 12:55 EST ON MAR 11	5.32 ON MAR 11	0.051 ON SEP 28	16 700	1973
1974	16.2 AT 23:52 EST ON MAY 16	12.3 ON MAY 17	0.045 ON OCT 5	19 100	1974
1975	43.3 AT 04:19 EST ON AUG 24	14.6 ON AUG 24	0.024 ON JUL 6	17 800	1975
1976	17.6 AT 16:01 EST ON JUL 7	4.79 ON MAR 20	0.027 ON OCT 2	18 000	1976
1977	24.6 AT 18:56 EST ON AUG 15	5.72 ON MAR 13	0.034 ON MAY 31	16 700	1977
1978	10.7 AT 09:24 EST ON SEP 17	3.23 ON APR 11	0 ON JUN 3	14 200	1978
1979	12.1 AT 08:30 EST ON APR 14	8.33 ON APR 14	0.035 ON OCT 31	18 800	1979
1980	17.0 AT 13:19 EST ON MAR 21	8.75 ON MAR 21	0.024 ON SEP 29	12 300	1980
1981	---	4.05E ON FEB 18	0.020 ON AUG 1	12 000	1981
1982	27.2 AT 17:55 EST ON SEP 14	10.6 ON MAR 31	0.037 ON MAY 26	22 300	1982
1983	14.0 AT 04:45 EST ON JUL 29	2.59 ON FEB 3	0.034 ON JUL 24	16 800	1983
1984	8.43 AT 03:12 EST ON FEB 14	7.08 ON FEB 14	0.085 ON MAY 16	18 800	1984
1985	15.0 AT 17:06 EST ON FEB 24	8.30 ON FEB 24	0.027 ON MAY 8	23 800	1985
1986	21.4 AT 23:52 EST ON SEP 29	10.8 ON SEP 30	0.025 ON MAY 10	24 800	1986
1987	28.3 AT 18:05 EST ON AUG 7	3.44 ON AUG 2	0.023 ON SEP 26	18 300	1987
1988	---	5.00E ON MAR 25	0.016 ON AUG 26	15 400	1988
				16 400	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	1.89	0.885	1.00	9.44	0.817	0.148	0.050	0.028	0.018	0.044	0.033	0.018	1.15	1978
1979	0.057	0.084	4.38	2.40	0.369	0.173	0.058	0.060	0.401	0.348	0.885	2.00	0.848	1979
1980	0.405	0.078	2.80	2.43	0.456	0.089	0.042	0.030	0.052	0.188	0.478	0.775	0.884	1980
1981	0.078	4.97	0.830	0.888	0.881	1.24	1.16	1.22	1.84	1.80	1.44	0.340	1.33	1981
1982	0.200	0.088	1.28	5.80	0.344	0.188	0.086	0.122	0.058	0.072	0.881	2.49	0.847	1982
1983	0.517	0.782	2.28	3.18	1.55	0.184	0.081	0.032	0.023	0.087	1.48	2.11	1.02	1983
MEAN	0.525	1.10	2.09	4.02	0.686	0.338	0.243	0.248	0.385	0.420	0.850	1.28	1.01	MEAN

LOCATION - LAT 45 18 17 N DRAINAGE AREA, 78.1 km^2
LONG 75 13 06 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	28.7 B ON APR 14	0.0040 ON DEC 22 *	36 400	1978
1979	---	26.2 B ON MAR 26	0.028 ON JUL 24	28 900	1979
1980	---	28.7 B ON MAR 22	0.016 ON SEP 8	20 700	1980
1981	---	26.8 B ON FEB 21	0.0808 ON JAN 25	41 800	1981
1982	---	41.6 B ON APR 1 *	0.030 ON AUG 17	28 800	1982
1983	11.6 AT 01:48 EST ON APR 11 *	9.23 ON DEC 15	0.014 ON SEP 10	32 200	1983
				31 800	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	108	146	144	85.4	58.8	71.0	44.3	---	1988
1989	31.2	23.9	18.5	18.0	134	237	147	108	75.1	57.0	52.6	47.6	80.0	1989
1970	28.6	20.3	15.4	13.2	68.7	109	84.5	43.8	58.1	120	112	62.5	60.8	1970
1971	30.7	22.3	17.7	17.4	133	115	42.3	33.8	31.2	84.0	---	---	---	1971
1972	30.0	21.6	16.6	14.4	102	71.7	42.8	38.7	42.2	59.0	53.0	31.1	43.8	1972
1973	20.9	15.9	15.2	19.5	128	78.4	118	118	56.3	53.4	52.4	33.5	59.5	1973
1974	24.7	20.8	16.7	17.3	168	278	104	66.4	76.0	67.8	54.4	38.7	78.2	1974
1975	28.8	23.8	18.8	17.1	88.0	168	104	47.4	34.2	36.0	46.6	28.2	54.7	1975
1976	18.5	16.1	14.7	26.4	127	66.8	48.8	28.6	26.1	27.3	23.7	17.0	37.2	1976
1977	17.1	15.0	13.6	26.5	126	66.0	123	48.7	68.1	83.7	64.6	41.8	56.8	1977
1978	22.8	15.7	13.8	13.7	78.8	169	90.3	53.0	57.3	50.6	38.6	25.7	53.3	1978
1979	17.2	12.7	12.6	20.9	112	93.9	54.2	37.9	53.1	44.9	47.9	36.6	46.4	1979
1980	26.4	20.2	15.7	18.7	138	56.1	26.3	19.4	19.4	39.5	55.5	32.6	38.0	1980
1981	20.6	15.6	16.1	19.6	72.7	65.2	51.7	22.7	11.9	7.71	6.39	6.63	26.1	1981
1982	6.94	6.93	6.59	7.18	111	91.6	70.8	47.7	26.9	51.6	53.9	32.4	43.8	1982
1983	19.1	14.6	13.6	12.1	57.4	67.1	60.7	37.6	23.2	42.1	67.1	40.1	39.7	1983
1984	22.5	17.0	14.8	37.0	130	128	71.7	52.9	32.7	26.8	36.7	32.0	60.4	1984
1985	25.8	22.3	16.8	22.8	121	91.8	75.7	56.4	83.0	143	116	59.0	74.1	1985
1986	33.9	23.1	17.4	27.3	136	86.0	76.8	33.8	20.4	46.6	38.2	22.1	47.3	1986
1987	15.1	12.6	12.5	20.7	47.2	64.6	38.3	40.7	28.9	37.8	38.6	26.6	31.4	1987
1988	14.3	9.49	8.43	14.2	107	94.3	76.6	53.8	79.5	100	84.0	57.1	58.4	1988
MEAN	22.8	17.6	15.0	19.3	110	110	79.8	56.8	48.2	59.0	55.7	35.3	51.7	MEAN

LOCATION - LAT 50 38 30 N DRAINAGE AREA, 5 380 km²
LONG 88 31 55 W NATURAL FLOW

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	300 AT 05:00 EST ON JUN 12	300 ON JUN 12	14.7 B ON APR 16	2 530 000	1989
1970	140 AT 00:29 EST ON OCT 20	140 ON OCT 20	12.7 B ON APR 23	1 920 000	1970
1971	183 AT 14:30 EST ON MAY 28	181 ON MAY 26	---	---	1971
1972	142 AT 18:08 EST ON MAY 19	141 ON MAY 19	14.1 B ON APR 18	1 380 000	1972
1973	170 AT 22:29 EST ON AUG 2	168 ON AUG 2	14.6 B ON APR 17	1 890 000	1973
1974	388 AT 11:24 EST ON MAY 31 *	388 ON MAY 28 *	16.8 B ON APR 26	2 470 000	1974
1975	263 AT 16:11 EST ON JUN 20	263 ON JUN 20	15.4 B ON APR 24	1 720 000	1975
1976	---	144 E ON MAY 11	14.3 B ON MAR 28	1 180 000	1976
1977	184 AT 15:22 EST ON MAY 7	183 ON MAY 8	13.0 B ON APR 5	1 790 000	1977
1978	188 AT 01:49 EST ON JUN 15	185 ON JUN 14	13.0 B ON APR 24	1 880 000	1978
1979	151 AT 16:26 EST ON MAY 22	150 ON MAY 23	11.0 B ON MAR 11	1 430 000	1979
1980	174 AT 15:18 EST ON MAY 14	173 ON MAY 14	12.1 B ON APR 18	1 230 000	1980
1981	84.1 AT 16:13 EST ON MAY 11	83.1 ON JUN 10	6.05 ON DEC 12 *	684 000	1981
1982	170 AT 11:30 EST ON MAY 22	170 ON MAY 22	6.40B ON JAN 1	1 380 000	1982
1983	89.4 AT 16:45 EST ON JUL 11	86.0 ON JUL 11	11.6 B ON APR 18	1 250 000	1983
1984	151 AT 16:17 EST ON MAY 8	151 ON MAY 10	13.5 B ON APR 4	1 590 000	1984
1985	183 AT 15:47 EST ON OCT 14	182 ON OCT 13	14.7 ON APR 14	2 340 000	1985
1986	182 AT 15:05 EST ON MAY 15	182 ON MAY 15	14.1 B ON APR 9	1 490 000	1986
1987	82.3 AT 12:55 EST ON JUN 14	81.1 ON JUN 16	11.8 B ON MAR 15	890 000	1987
1988	---	141 ON MAY 22	8.35B ON MAR 11	1 850 000	1988
				1 830 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.388	0.828	1.05	---	1964
1965	1.06	2.56	2.26	1.92	0.535	0.421	0.525	0.376	0.452	0.845	1.32	1.20	1.12	1965
1966	0.736	1.01	2.22	0.858	0.701	0.518	0.320	0.284	0.440	0.480	1.38	1.84	0.889	1966
1967	0.761	0.780	2.47	2.09	0.823	0.842	0.843	0.724	0.720	1.17	1.25	1.62	1.18	1967
1968	0.880	1.86	4.07	1.07	1.12	0.785	0.538	0.830	0.810	0.805	1.12	0.855	1.21	1968
1969	1.78	0.810	2.28	2.35	1.48	0.732	0.589	0.683	0.447	0.887	0.868	0.886	1.13	1969
1970	0.500	0.814	1.81	2.04	1.16	0.589	0.928	0.841	0.740	0.685	1.04	1.03	1.03	1970
1971	0.765	1.80	2.78	2.53	0.767	0.722	1.08	1.05	0.842	0.875	0.886	1.63	1.23	1971
1972	1.37	0.892	2.75	5.51	0.866	1.03	0.890	0.852	0.852	1.18	1.58	1.87	1.65	1972
1973	1.77	1.87	4.40	2.44	1.83	1.04	0.855	0.760	0.706	1.04	1.87	1.30	1.58	1973
1974	2.34	1.46	2.71	2.81	2.87	1.34	0.568	0.578	0.712	0.585	1.01	0.781	1.44	1974
1975	1.16	3.04	2.11	2.23	1.25	0.927	0.599	0.768	0.877	0.585	0.878	0.881	1.27	1975
1976	0.683	2.85	3.58	1.70	1.82	1.52	1.78	1.85	1.05	0.974	0.705	0.737	1.55	1976
1977	0.540	1.15	3.25	1.73	0.851	1.24	1.44	1.23	2.10	1.87	2.18	2.84	1.71	1977
1978	1.53	0.624	3.64	3.58	1.86	0.721	0.635	1.03	1.84	1.20	1.28	1.51	1.62	1978
1979	2.13	1.41	5.17	3.15	1.86	1.36	1.01	1.17	1.08	1.38	1.71	2.20	1.97	1979
1980	1.7	0.482	3.64	3.48	1.21	1.38	2.03	0.816	0.816	1.36	1.00	1.63	1.63	1980
1981	0.873	4.76	1.05	1.08	1.80	1.22	1.22	1.73	2.27	2.48	1.84	0.868	1.68	1981
1982	1.20	0.884	5.07	2.17	0.818	2.06	0.921	1.40	1.66	1.03	2.33	2.43	1.62	1982
1983	1.31	1.88	1.88	2.55	2.33	0.884	0.642	1.14	0.883	1.42	1.87	1.88	1.58	1983
1984	0.717	4.47	3.09	2.04	1.83	1.15	1.02	1.22	1.78	0.888	1.70	1.46	1.77	1964
1985	0.807	3.84	3.54	2.10	1.28	1.06	1.09	1.83	1.18	1.21	3.88	1.25	1.91	1985
1986	1.18	0.880	3.26	1.27	1.28	1.28	1.17	4.48	5.52	1.87	1.36	2.42	2.18	1986
1987	1.13	1.04	2.75	2.89	1.14	1.46	2.08	1.15	1.43	1.09	1.81	1.84	1.64	1987
1988	1.18	1.43	1.89	1.66	1.21	0.788	0.812	0.898	1.36	1.48	1.45	1.05	1.28	1988
MEAN	1.18	1.75	2.89	2.28	1.34	1.05	0.883	1.14	1.28	1.10	1.45	1.47	1.50	MEAN

LOCATION - LAT 43 48 27 N DRAINAGE AREA, 130 km²
LONG 79 20 42 W NATURAL FLOW

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	26.1 E ON FEB 10	0.195 ON JUN 27 *	35 400	1965
1966	---	12.0 ON DEC 10	0.238 ON AUG 1	28 000	1966
1967	20.6 AT 09:30 EST ON APR 3	12.2 ON APR 3	0.351 ON SEP 6	37 300	1967
1968	28.7 AT 17:20 EST ON MAR 16	16.1 E ON FEB 2	0.311 ON JUL 30	38 200	1968
1969	24.3 AT 13:23 EST ON APR 16	15.3 ON APR 16	0.340 ON AUG 29	35 800	1969
1970	---	8.47 ON APR 2	0.365 ON JUL 7	32 800	1970
1971	30.9E ON JUL 6	17.1 ON APR 2	0.368E ON JUL 3	38 900	1971
1972	---	21.2 E ON APR 13	0.413 ON AUG 21	52 200	1972
1973	---	16.0 E ON FEB 2	0.323 ON AUG 16	49 400	1973
1974	68.5 AT 04:26 EST ON MAR 5	28.6 ON MAR 5	0.297 ON AUG 22	45 400	1974
1975	87.1 AT 23:10 EST ON FEB 24	37.1 ON FEB 24	0.244 ON AUG 18	40 100	1975
1976	45.9 AT 15:22 EST ON AUG 28	17.0 E ON MAR 20	0.2978 ON JAN 16	48 200	1976
1977	---	16.7 E ON MAR 13	0.389 ON JUL 23	53 900	1977
1978	38.8 AT 21:43 EST ON SEP 16	13.8 ON APR 7	0.445 ON JUL 18	51 200	1978
1979	33.3 AT 13:18 EST ON MAR 4	19.8 ON MAR 4	0.627 ON SEP 29	52 200	1979
1980	76.2 AT 01:55 EST ON JUL 29	37.8 E ON MAR 21	0.2258 ON FEB 3	51 700	1980
1981	48.8 AT 09:36 EST ON FEB 11	22.7 ON FEB 11	0.549 ON JUL 11	52 900	1981
1982	48.7 AT 18:37 EST ON SEP 14	21.3 ON MAR 13	0.4828 ON FEB 11	57 400	1982
1983	30.1 AT 18:47 EST ON AUG 27	13.6 ON NOV 16	0.454 ON SEP 6	48 700	1983
1984	93.8 AT 08:25 EST ON FEB 14	51.0 ON FEB 14 *	0.5308 ON JAN 22	58 100	1984
1985	56.7 AT 13:26 EST ON AUG 26	35.6 ON FEB 24	0.486 ON AUG 3	50 100	1985
1986	154 AT 03:04 EST ON AUG 27 *	46.7 ON AUG 27	0.483 ON JUL 11	59 100	1986
1987	75.0 AT 22:33 EST ON JUL 7	13.2 ON JUL 7	0.611 ON AUG 23	51 600	1987
1988	---	11.4 ON SEP 4	0.439 ON AUG 22	40 000	1988
				47 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.11	0.882	0.645	---	1945
1946	---	---	5.18	0.883	0.783	0.447	0.235	0.261	0.311	0.504	0.484	0.529	---	1946
1947	---	---	3.80	2.92	0.796	1.18	0.810	0.338	0.288	0.404	0.843	0.484	---	1947
1948	0.255	0.821	3.12	0.857	0.580	0.847	0.382	0.217	0.170	0.382	0.448	0.385	0.881	1948
1949	0.598	1.80	1.00	0.518	0.308	0.195	0.187	0.151	0.243	0.424	0.341	0.818	0.548	1949
1950	1.35	0.801	4.32	2.85	0.481	0.318	0.280	0.253	0.310	0.434	0.540	0.818	1.03	1950
1951	1.11	2.34	3.58	2.88	0.464	0.271	0.332	0.146	0.258	0.344	0.637	0.517	1.08	1951
1952	1.59	2.53	4.45	2.82	0.752	0.330	0.289	0.277	0.487	0.281	0.321	0.723	1.24	1952
1953	1.04	0.880	1.28	0.573	0.834	0.336	0.343	0.195	0.249	0.261	0.387	0.372	0.576	1953
1954	0.297	2.71	---	---	---	---	---	---	---	5.77	0.822	0.887	---	1954
1955	1.40	0.807	3.48	1.41	0.383	0.272	0.323	0.440	0.425	0.808	0.950	0.493	0.918	1955
1956	0.737	0.572	4.38	3.30	1.04	0.488	0.488	1.34	0.582	0.584	0.819	1.31	1.28	1956
1957	2.13	2.83	1.48	2.08	1.22	1.38	0.407	0.338	0.374	0.840	0.886	1.47	1.26	1957
1958	0.872	1.54	2.15	0.886	0.424	0.345	0.290	0.475	0.828	0.577	0.838	0.803	0.784	1958
1959	0.858	0.887	5.48	2.24	0.838	0.388	0.442	0.402	0.888	0.811	2.41	1.22	1.33	1959
1960	1.12	1.58	3.51	5.37	3.34	0.835	0.818	0.308	0.235	0.373	0.491	0.301	1.48	1960
1961	0.247	0.488	2.80	2.18	1.03	0.480	0.388	0.281	0.330	0.401	0.587	0.488	0.778	1961
1962	0.482	0.612	3.35	0.883	0.353	0.462	0.271	0.297	0.402	0.585	0.674	0.470	0.728	1962
1963	0.487	0.387	1.88	0.847	1.11	0.335	0.329	0.680	0.457	0.328	0.553	0.418	0.835	1963
1964	1.09	0.488	1.71	0.840	0.483	0.344	0.878	0.885	0.348	0.343	0.483	0.830	0.874	1964
MEAN	0.886	1.28	3.21	1.88	0.850	0.478	0.382	0.381	0.381	0.747	0.873	0.880	0.937	MEAN

LOCATION - LAT 43 46 30 N
LONG 79 21 55 W
DRAINAGE AREA, 119 km^2
NATURAL FLOW

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	35.7 ON MAR 11	0.227 ON JUL 4	---	1946
1947	---	38.8 ON MAR 28	0.142 ON MAY 7	---	1947
1948	---	27.8 ON MAR 19	0.142 ON OCT 1	21 800	1948
1949	---	13.8 ON FEB 15	0.057 ON MAR 1	17 200	1949
1950	68.8 AT 18:00 EST ON MAR 24 *	38.1 ON APR 4	0.113 ON AUG 8	32 800	1950
1951	---	26.8 ON MAR 19	0.057 ON AUG 11	33 600	1951
1952	---	39.1 ON MAR 11	0.057 ON DEC 4	38 200	1952
1953	---	8.07 ON FEB 21	0.028 ON JUN 30 *	16 100	1953
1954	---	---	---	---	1954
1955	---	27.8 ON MAR 11	0.113 ON JAN 17	28 800	1955
1956	---	25.0 ON MAR 7	0.142 ON JUN 8	40 700	1956
1957	---	36.2 ON JAN 22	0.142 ON JUL 28	38 400	1957
1958	---	14.5 ON FEB 26	0.142 ON JUN 28	24 100	1958
1959	---	28.6 ON NOV 4	0.266 ON AUG 16	43 100	1959
1960	68.3 AT 18:00 EST ON MAR 30	40.2 ON MAY 8 *	0.051 ON AUG 18	48 700	1960
1961	---	8.85 ON MAR 24	0.083 ON AUG 13	24 800	1961
1962	---	8.168 ON MAR 16	0.122 ON JUL 14	23 000	1962
1963	---	10.1 ON MAR 23	0.082 ON JUL 8	20 000	1963
1964	---	8.502 ON JUL 13	0.181 ON JUN 22	31 300	1964
				28 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	7.98	8.13	8.78	17.2	23.5	20.4	20.0	19.7	19.7	19.2	16.1	11.1	15.7	1980
1981	6.78	5.25	7.78	16.8	21.4	19.6	18.7	17.6	18.3	17.7	12.6	9.84	14.7	1981
MEAN	7.38	6.69	7.27	18.0	22.5	20.0	19.4	18.7	19.0	18.5	14.6	10.5	15.2	MEAN

LOCATION - LAT 48 06 31 N
LONG 80 09 52 W NATURAL FLOW

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO.02DD007

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	24.5 ON MAY 8 *	5.78 ON MAR 8	495 000	1980
1981	---	23.5 ON APR 28	4.78 ON FEB 18 *	462 000	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		479 000	MEAN

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	27.0	14.6	4.42	30.1	16.1	7.65	7.09	6.78	35.1	55.3	56.7	38.2	25.3	1980
1981	32.3	16.4	26.4	66.1	72.5	7.76	6.59	5.99	8.23	50.5	43.9	31.3	29.7	1981
MEAN	29.7	15.5	15.4	43.1	44.3	7.65	6.84	6.38	20.7	52.9	50.3	34.6	27.5	MEAN

LOCATION - LAT 48 08 40 N
LONG 80 07 41 W REGULATED SINCE 1916

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD018, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	73.6 ON SEP 18	3.20 ON MAR 7 *	788 000	1980
1981	---	66.2 ON MAY 1 *	5.66 ON AUG 26	937 000	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		888 000	MEAN

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	27.4	16.9	16.6	36.2	46.9	18.7	16.7	15.7	15.2	35.0	50.1	61.6	31.2	1982
1983	57.1	33.7	33.9	67.6	107	90.5	22.9	20.4	19.6	61.2	57.4	47.2	51.7	1983
1984	37.7	22.6	22.3	42.7	71.4	70.1	26.4	24.6	28.7	76.4	76.4	62.0	46.0	1984
1985	42.6	25.8	21.9	36.8	90.2	22.9	21.9	20.9	18.4	38.1	58.8	44.0	37.1	1985
1986	24.8	18.1	18.1	52.8	82.6	86.6	84.2	80.4	71.1	69.9	58.3	46.4	57.8	1986
1987	35.9	26.4	17.4	39.4	39.4	15.4	15.7	14.8	13.5	13.1	13.1	12.2	21.3	1987
1988	9.24	7.98	6.06	18.6	27.6	26.4	23.0	22.8	20.6	22.2	23.3	46.6	21.1	1988
MEAN	32.1	21.9	19.2	42.3	66.7	47.4	30.4	28.4	26.9	45.3	49.1	45.7	38.0	MEAN

LOCATION - LAT 48 07 23 N
LONG 80 04 44 W

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	88.0 ON OCT 23	13.7 ON SEP 1	983 000	1982
1983	---	117 ON JUN 3 *	18.4 ON SEP 19	1 630 000	1983
1984	---	90.6 ON JUN 14	20.1 ON MAR 30	1 460 000	1984
1985	---	99.8 ON MAY 13	17.0 ON OCT 6	1 170 000	1985
1986	---	91.4 ON JUN 3	15.7 ON MAR 15	1 820 000	1986
1987	---	50.8 ON MAY 7	10.8 ON DEC 31	671 000	1987
1988	---	58.7 ON DEC 11	5.20 ON MAR 25 *	888 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 200 000	MEAN

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.36	9.92	9.67	---	1967
1968	4.04	13.7	14.8	5.45	3.94	1.75	0.632	2.54	1.61	3.03	5.71	7.44	5.32	1968
1969	6.61	5.66	9.34	19.1	8.19	2.29	0.890	0.401	0.182	0.587	2.95	3.28	4.85	1969
1970	1.38	1.84	2.87	15.8	3.31	1.00	1.44	0.614	0.587	1.10	2.17	3.84	3.07	1970
1971	2.33	3.48	7.88	16.9	2.02	1.84	0.801	0.273	0.243	0.259	0.467	2.04	3.33	1971
1972	3.11	1.98	5.75	21.1	2.75	3.11	1.68	0.478	0.315	1.58	2.75	6.64	4.24	1972
1973	11.0	4.12	17.4	5.40	5.28	2.34	0.578	0.415	0.180	0.297	2.05	3.11	4.45	1973
1974	8.98	4.44	14.0	12.0	10.9	1.84	0.883	0.237	0.158	0.300	1.69	1.21	4.73	1974
1975	4.25	4.59	9.82	16.9	3.32	1.89	0.773	0.83	5.13	2.89	3.26	6.32	5.93	1975
1976	5.23	12.0	32.0	5.70	5.84	0.930	2.42	0.580	1.22	1.79	2.89	2.40	8.31	1976
1977	1.54	1.70	25.2	8.11	1.30	0.581	0.585	3.74	4.54	7.90	6.76	6.70	5.80	1977
1978	3.21	2.41	5.67	20.7	3.68	1.82	0.551	0.301	0.908	1.88	1.78	2.48	3.77	1978
1979	3.89	1.85	22.4	17.6	4.18	1.17	0.804	0.382	0.240	1.21	5.14	8.07	5.68	1979
1980	2.72	1.25	12.1	12.7	2.82	1.50	0.816	0.832	1.30	3.13	2.20	4.82	3.85	1980
1981	1.28	15.2	6.80	4.05	3.57	1.20	0.483	0.548	2.38	8.41	4.57	3.25	4.08	1981
1982	2.30	1.18	12.8	32.7	1.89	3.44	0.875	0.814	1.03	0.788	8.31	13.6	5.57	1982
1983	3.94	5.17	4.86	5.02	8.06	2.28	0.514	0.500	1.36	2.89	4.27	4.77	3.89	1983
1984	2.86	19.1	9.55	6.24	1.90	2.97	0.873	0.388	0.735	0.832	4.86	8.12	4.90	1984
1985	4.40	8.95	23.9	16.0	3.28	1.82	0.846	1.21	2.84	5.03	10.7	4.98	7.18	1985
1986	6.95	3.25	21.5	6.06	4.23	1.93	0.872	0.825	14.5	13.4	3.92	4.73	6.88	1986
1987	3.18	2.02	14.3	7.22	1.28	1.12	1.43	1.13	0.508	1.33	5.86	4.86	4.04	1987
1988	3.89	5.89	14.8	6.18	2.81	0.882	0.376	0.462	0.383	3.71	8.26	5.10	4.38	1988
MEAN	4.15	5.76	13.7	12.9	3.96	1.76	0.879	1.21	1.91	2.91	4.86	5.72	4.90	MEAN

LOCATION - LAT 43 51 15 N DRAINAGE AREA, 328 km²
LONG 81 15 00 W REGULATED

REMARKS - REGULATION DUE TO GRIST MILL

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	118 AT 20:00 EST ON FEB 2	83.3 ON FEB 2	0.082 ON AUG 3	158 000	1968
1969	124 AT 12:15 EST ON APR 5	74.5 ON APR 5	0.159 ON AUG 17	158 000	1969
1970	55.8 AT 01:00 EST ON APR 10	49.6 ON APR 10	0.088 ON JUL 4	97 000	1970
1971	49.5 AT 01:28 EST ON APR 10	47.0 ON APR 10	0.059 ON OCT 28 *	105 000	1971
1972	75.0 AT 12:05 EST ON APR 15	68.5 ON APR 15	0.105 ON OCT 6	134 000	1972
1973	86.5 AT 13:50 EST ON MAR 12	39.5 ON MAR 12	0.139 ON SEP 19	140 000	1973
1974	111 AT 15:10 EST ON MAY 17	83.6 ON MAR 5	0.102 ON SEP 2	149 000	1974
1975	188 AT 17:05 EST ON APR 19	167 ON APR 19	0.385 ON JUN 28	187 000	1975
1976	184 AT 15:51 EST ON MAR 21	171 ON MAR 21	0.082 ON JUN 4	189 000	1976
1977	201 B AT 19:36 EST ON MAR 13 *	172 B ON MAR 13 *	0.207 ON JUN 12	177 000	1977
1978	73.5 AT 01:07 EST ON APR 13	58.3 ON APR 12	0.232 ON AUG 23	118 000	1978
1979	132 AT 17:42 EST ON APR 14	114 ON APR 16	0.143E ON SEP 14	179 000	1979
1980	73.3 AT 22:57 EST ON MAR 21	63.5 ON MAR 22	0.335 ON JUN 11	122 000	1980
1981	86.7 AT 22:43 EST ON FEB 23	80.3 ON FEB 23	0.229 ON JUL 26	126 000	1981
1982	136 AT 02:56 EST ON APR 1	110 ON APR 1	0.383 ON AUG 18	207 000	1982
1983	22.0 AT 03:40 EST ON DEC 14	20.6 ON DEC 14	0.111E ON JUL 30	118 000	1983
1984	79.7 AT 05:18 EST ON DEC 30	71.7 ON DEC 30	0.258E ON AUG 29	165 000	1984
1985	114 AT 19:06 EST ON MAR 28	98.7 ON APR 5	0.302E ON AUG 14	226 000	1985
1986	84.1 AT 22:25 EST ON MAR 19	73.8 ON MAR 20	0.350 ON AUG 14	217 000	1986
1987	28.2 AT 12:10 EST ON APR 6	27.6 ON APR 6	0.458 ON SEP 11	127 000	1987
1988	---	55.6 ON MAR 26	0.225 ON JUL 29	138 000	1988
				165 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.048	0.026	0.141	0.189	0.114	0.048	0.009	0.011	0.020	0.078	0.078	0.031	0.064	1983
1984	0.017	0.032	0.060	0.133	0.068	0.050	0.004	0.028	0.060	0.078	0.199	0.101	0.068	1984
1985	0.024	0.032	0.078	0.347	0.063	0.047	0.013	0.041	0.018	0.038	0.143	0.020	0.071	1985
1986	0.010	0.008	0.081	0.180	0.068	0.030	0.008	0.078	0.038	0.084	0.047	0.024	0.059	1986
1987	0.020	0.014	0.064	0.048	0.037	0.038	0.015	0.002	0.014	0.057	0.018	0.070	0.030	1987
1988	0.030	0.058	0.212	0.342	0.028	0.016	0.022	0.013	0.040	0.132	0.170	0.084	0.085	1988
MEAN	0.025	0.027	0.108	0.208	0.062	0.038	0.022	0.029	0.031	0.077	0.109	0.055	0.068	MEAN

LOCATION - LAT 46 21 12 N DRAINAGE AREA, 4.58 km²
LONG 82 38 37 W

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	0.849E ON APR 14	0.001 ON AUG 13	2 020	1983
1984	3.06 AT 14:26 EST ON NOV 1 *	1.56 ON NOV 1 *	0.001 ON JUL 14	2 140	1984
1985	1.69 AT 22:32 EST ON APR 21	1.22 ON APR 22	0.001 ON SEP 20	2 220	1985
1986	0.894 AT 15:27 EST ON JUL 28	0.513 ON APR 2	0.0048 ON JAN 4	1 860	1986
1987	---	0.456 ON OCT 28	0.001 ON AUG 1	1 120	1987
1988	---	1.15 ON APR 7	0 ON JUN 29 *	3 010	1988
				2 060	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.405	0.475	0.442	---	1983
1984	0.784	0.555	1.61	1.67	1.16	0.585	0.437	1.44	0.698	0.567	0.572	1.18	0.927	1984
1985	1.26	2.83	4.08	3.58	1.06	0.505	0.417	0.448	0.558	1.12	1.12	1.86	1.55	1985
1986	0.956	1.62	2.28	1.61	1.23	0.880	0.385	0.456	0.523	0.563	0.880	2.64	1.19	1986
1987	1.52	1.40	1.90	2.37	1.54	1.01	0.586	0.496	0.513	0.625	0.946	1.80	1.23	1987
1988	1.12	2.81	2.22	1.47	0.945	1.44	0.930	0.756	0.933	0.863	1.58	1.56	1.38	1988
1989	3.13	2.10	1.54	3.21	2.50	1.33	0.821	0.595	0.580	0.659	1.26	1.22	1.67	1989
1970	0.841	1.31	1.85	1.68	1.02	0.540	0.720	0.496	0.557	0.728	1.78	1.95	1.15	1970
1971	1.07	1.72	2.97	1.84	0.924	0.647	0.398	0.411	0.498	0.526	0.581	0.638	1.03	1971
1972	1.08	0.887	4.24	2.86	1.82	1.14	1.22	0.811	0.543	0.682	1.05	1.91	1.50	1972
1973	1.58	1.25	4.30	2.54	1.35	0.944	0.645	0.512	0.480	0.583	1.20	1.59	1.41	1973
1974	2.32	2.01	2.92	2.12	2.26	1.04	0.727	0.565	0.539	0.594	0.933	1.14	1.43	1974
1975	1.63	1.95	2.97	2.03	1.04	1.12	0.514	0.572	1.33	0.898	1.35	1.92	1.46	1975
1976	1.71	3.80	5.05	2.42	2.20	0.945	0.929	0.767	0.630	0.749	0.827	0.802	1.73	1976
1977	0.592	0.773	3.20	2.63	1.20	0.678	0.547	0.568	2.16	2.27	1.55	3.41	1.65	1977
1978	2.06	1.41	3.70	3.59	1.95	0.863	0.578	0.642	0.878	0.872	1.05	1.31	1.59	1978
1979	1.62	1.40	3.39	3.78	1.73	0.945	0.590	0.932	0.760	1.04	2.09	2.87	1.75	1979
1980	1.82	1.15	2.04	3.10	1.91	1.36	1.12	0.811	1.18	1.60	1.34	1.41	1.59	1980
1981	0.678	3.34	1.82	1.95	1.27	0.990	0.595	0.808	1.18	1.77	1.46	1.22	1.42	1981
1982	1.35	0.839	4.80	3.17	1.40	2.17	0.871	0.788	0.880	0.891	2.34	3.13	1.69	1982
1983	1.66	2.02	1.55	2.23	2.47	1.10	0.897	2.12	0.837	0.858	1.42	3.13	1.71	1983
1984	1.22	4.17	3.44	3.26	2.48	1.84	0.948	0.785	1.28	1.06	1.50	1.82	1.88	1984
1985	1.30	2.88	4.52	2.91	1.20	1.18	0.782	0.915	0.948	1.35	3.75	2.45	2.01	1985
1986	2.09	1.63	3.84	2.23	1.48	1.20	0.616	0.843	1.10	2.46	1.83	3.25	1.88	1986
1987	1.95	1.23	1.98	2.63	1.08	0.774	0.524	0.627	0.832	0.583	1.01	1.82	1.24	1987
1988	1.14	1.62	1.73	1.43	0.997	0.554	0.521	0.471	0.458	0.641	1.43	1.27	1.02	1988
MEAN	1.47	1.86	2.85	2.52	1.53	1.04	0.704	0.746	0.826	0.972	1.36	1.83	1.49	MEAN

LOCATION - LAT 42 45 23 N
LONG 80 48 28 W
DRAINAGE AREA, 104 km^2
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	9.03 AT 18:00 EST ON AUG 23	7.73 ON AUG 23	0.246 ON JUL 31	28 300	1984
1985	15.8 E AT 18:00 EST ON MAR 5	15.5 ON MAR 6	0.228 ON JUL 31 *	48 800	1985
1986	10.7 AT 19:00 EST ON DEC 7	8.98 ON DEC 7	0.249 ON JUL 21	37 600	1986
1987	---	11.1 A ON DEC 22	0.360 ON AUG 2	36 900	1987
1988	13.2 B AT 18:00 EST ON FEB 2	12.3 B ON FEB 2	0.4258 ON JAN 26	43 500	1988
1989	18.2 AT 22:44 EST ON JAN 30	13.8 ON JAN 30	0.530 ON AUG 15	48 600	1989
1970	6.38 AT 18:38 EST ON APR 2	5.38 ON DEC 4	0.374 ON AUG 10	36 200	1970
1971	10.8 AT 18:58 EST ON FEB 27	8.59 ON FEB 28	0.289 ON AUG 6	32 500	1971
1972	11.9 AT 00:44 EST ON MAR 3	10.3 ON MAR 2	0.450 ON AUG 22	47 500	1972
1973	9.84 AT 18:00 EST ON MAR 11	8.40 ON MAR 15	0.385 ON JUL 18	44 400	1973
1974	9.08 AT 05:49 EST ON MAR 5	8.41 ON MAR 5	0.438 ON AUG 25	45 100	1974
1975	8.81 AT 18:27 EST ON FEB 24	7.45 ON FEB 24	0.286 ON AUG 1	45 100	1975
1976	20.4 AT 23:00 EST ON MAR 5	18.1 ON MAR 5	0.524 ON SEP 8	54 600	1976
1977	16.8 AT 21:24 EST ON SEP 26	11.8 ON SEP 27	0.303 ON AUG 2	52 000	1977
1978	20.5 E AT 23:17 EST ON MAR 21	15.9 ON MAR 22	0.354 ON JUL 20	50 200	1978
1979	16.4 AT 02:06 EST ON MAR 5	12.4 ON MAR 5	0.309 ON JUL 23	55 100	1979
1980	7.10 AT 17:45 EST ON APR 15	6.87 ON APR 15	0.578 ON AUG 29	50 200	1980
1981	9.33 AT 04:01 EST ON FEB 18	8.82 ON FEB 18	0.458 ON JUL 18	44 700	1981
1982	25.6 E AT 05:47 EST ON MAR 14	20.6 E ON MAR 14	0.489 ON JUL 26	59 700	1982
1983	16.9 AT 13:06 EST ON AUG 11	10.0 ON AUG 12	0.329 ON JUL 28	53 900	1983
1984	27.0 AT 07:23 EST ON FEB 14 *	23.9 ON FEB 14 *	0.489 ON AUG 1	52 600	1984
1985	23.6 AT 10:54 EST ON FEB 24	19.6 ON FEB 24	0.414 ON AUG 12	63 500	1985
1986	13.0 AT 20:18 EST ON OCT 3	10.9 ON MAR 11	0.528 ON JUL 31	59 500	1986
1987	7.48 AT 20:48 EST ON APR 5	6.77 ON APR 5	0.360 ON JUL 25	39 200	1987
1988	---	6.36 ON MAR 28	0.288 ON JUL 13	32 200	1988
				47 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	13.7	13.2	23.0	19.1	10.4	6.08	---	1972
1973	4.59	4.01	7.62	37.6	36.2	21.6	14.0	7.88	10.9	13.1	15.6	11.6	15.6	1973
1974	6.22	4.40	3.45	10.6	55.1	34.6	17.6	21.7	16.7	26.4	16.4	9.81	18.6	1974
1975	8.18	4.37	3.80	15.7	53.9	37.4	7.88	3.82	3.76	8.50	22.6	12.0	15.3	1975
1976	5.70	4.11	3.62	73.2	34.7	19.2	9.99	5.33	3.17	3.11	2.72	2.41	13.8	1976
1977	2.14	2.01	6.16	52.4	25.2	6.66	12.4	8.72	26.5	19.9	20.1	7.93	16.2	1977
1978	4.85	3.46	2.75	7.49	36.0	30.5	13.5	5.40	4.08	6.08	4.70	3.14	10.4	1978
1979	2.56	2.31	2.80	28.5	76.2	22.3	8.00	5.32	10.0	22.5	28.3	8.72	18.1	1979
1980	5.51	3.99	3.14	30.2	46.2	13.8	8.92	7.42	19.2	20.6	14.1	6.44	15.0	1980
1981	4.22	3.92	4.93	22.7	25.2	27.0	11.1	3.84	2.88	3.48	3.58	2.88	8.82	1981
1982	2.62	2.50	2.48	14.3	76.5	17.5	21.1	7.71	9.64	32.2	34.7	16.7	20.0	1982
1983	8.10	6.04	6.15	14.0	56.4	17.5	11.8	3.83	4.83	36.5	20.8	8.70	18.4	1983
1984	4.72	5.03	4.95	39.6	41.6	49.4	20.8	10.2	5.27	10.1	15.3	18.3	16.7	1984
1985	7.45	4.28	3.41	24.7	30.1	21.1	12.0	33.3	16.7	34.1	31.8	8.73	19.2	1985
1986	5.82	4.44	3.82	46.0	34.1	12.2	10.4	7.30	6.88	13.7	17.0	6.82	14.2	1986
1987	4.70	4.16	3.74	26.2	12.1	6.85	7.37	8.65	8.22	11.8	12.7	8.39	9.22	1987
1988	4.82	3.71	3.11	33.3	47.6	16.2	7.15	8.80	13.2	23.3	32.8	11.4	17.1	1988
MEAN	5.15	3.82	4.13	29.8	43.2	22.4	12.2	9.41	11.2	17.9	17.7	8.77	15.5	MEAN

LOCATION - LAT 48 50 57 N, LONG 88 38 28 W DRAINAGE AREA, 1 320 km² NATURAL FLOW

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	493 000	1973
1974	99.1 AT 02:59 EST ON JUN 11	106 E ON APR 21	3.858 ON FEB 26	592 000	1974
		90.6 ON JUN 11	2.948 ON APR 10		
1975	---	---	---	481 000	1975
1976	236 AT 18:08 EST ON APR 19	118 E ON MAY 7	2.61 ON SEP 4	438 000	1976
1977	---	218 ON APR 18	2.22 ON NOV 8	510 000	1977
1978	86.4 AT 00:12 EST ON MAY 10	156 E ON APR 23	1.878 ON MAR 4 *	326 000	1978
1979	272 AT 08:23 EST ON MAY 11 *	71.6 ON MAY 10	2.568 ON APR 5	572 000	1979
		262 ON MAY 11 *	2.228 ON FEB 21		
1980	137 AT 02:25 EST ON MAY 1	132 ON MAY 1	2.958 ON MAR 23	474 000	1980
1981	64.6 AT 00:19 EST ON JUN 16	52.1 ON JUN 16	2.38 ON OCT 12	303 000	1981
1982	198 AT 23:52 EST ON MAY 5	189 ON MAY 6	2.438 ON MAR 10	631 000	1982
1983	110 AT 21:21 EST ON OCT 16	86.3 ON OCT 17	2.63 ON SEP 5	518 000	1983
1984	130 AT 07:00 EST ON JUN 11	124 ON JUN 11	3.938 ON FEB 10	593 000	1984
1985	---	103 B ON APR 24	3.268 ON MAR 30	606 000	1985
1986	101 AT 05:52 EST ON APR 20	94.1 ON APR 20	3.498 ON MAR 22	447 000	1986
1987	48.3 AT 05:24 EST ON APR 18	47.8 ON APR 18	3.16 ON SEP 4	281 000	1987
1988	---	95.0 ON NOV 17	2.708 ON MAR 23	541 000	1988
				489 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.101	0.295	0.406	1.03	0.983	0.323	1.37	0.518	0.091	0.330	0.986	0.983	0.613	1983
1984	0.046	0.800	1.81	0.478	0.954	0.284	0.018	0.028	0.058	0.080	0.122	0.483	0.428	1984
1985	0.423	2.44	1.16	0.573	0.330	0.208	0.387	0.518	0.280	0.553	1.16	0.283	0.674	1985
1986	0.437	0.539	0.377	0.336	0.048	0.041	0.084	0.070	0.102	0.184	0.507	0.184	0.240	1986
MEAN	0.252	1.02	0.838	0.602	0.578	0.217	0.452	0.283	0.128	0.284	0.697	0.478	0.489	MEAN

LOCATION - LAT 42 18 34 N, LONG 82 55 44 W DRAINAGE AREA, 50.5 km²

REMARKS - OPERATED AS WATER LEVEL ONLY STATION 1985 AND 1987

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	36.6 AT 13:28 EST ON MAY 2 *	15.0 ON MAY 2	0.020E ON SEP 14	19 300	1983
1984	---	21.1 A ON MAR 21 *	0.004E ON JUL 20 *	13 800	1984
1985	---	21.1 A ON FEB 24	0.007B ON FEB 8	21 300	1985
1986	---	3.39 ON JAN 18	0.005 ON JUL 5	7 590	1986
				15 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	1.78	1.83	0.418	0.823	0.228	0.092	0.268	0.412	0.841	1.84	---	1957
1958	0.307	0.518	1.85	0.801	0.274	0.185	0.180	0.148	0.440	0.283	0.805	0.308	0.501	1958
1959	0.413	0.519	1.83	4.19	0.479	0.204	0.138	0.178	0.212	0.328	0.474	0.413	0.778	1959
1960	0.220	0.772	0.954	7.67	4.48	0.808	0.268	0.288	0.187	0.228	0.428	0.290	1.38	1960
1961	0.100	0.454	1.20	1.58	0.708	0.612	0.353	0.153	0.189	0.188	0.321	0.378	0.618	1961
1962	0.407	0.348	1.80	0.811	0.240	0.185	0.113	0.108	0.142	0.307	0.578	0.534	0.472	1962
1963	0.222	0.170	3.05	1.05	1.74	0.159	0.116	0.158	0.183	---	---	---	---	1963
1964	1.09	0.372	2.28	0.568	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	8.05	---	---	---	---	---	---	---	---	---	1965
MEAN	0.384	0.460	1.87	2.98	1.19	0.383	0.199	0.182	0.230	0.291	0.508	0.627	0.730	MEAN

LOCATION - LAT 43 48 55 N LONG 79 09 25 W DRAINAGE AREA, 105 km² NATURAL FLOW

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	---	---	---	1957
1958	---	4.760 ON MAR 1	0.028 ON AUG 17	15 800	1958
1959	---	35.1 ON APR 1	0.082 ON APR 22	24 600	1959
1960	---	45.3 E ON MAY 8 *	0.028 ON OCT 10	43 600	1960
1961	25.7 AT 05:00 EST ON JUN 29 *	5.68 ON JUN 29	0.0288 ON JAN 24	18 300	1961
1962	---	4.138 ON MAR 24	0 ON JUL 13 *	14 900	1962
1963	---	---	---	---	1963
1964	---	12.5 ON MAR 12	0.1138 ON FEB 13	---	1964
1965	---	---	---	---	1965
				23 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	2.09	0.656	0.491	0.228	0.159	0.284	0.645	0.805	---	1974
1975	---	---	---	---	1.10	0.204	---	---	---	0.251	0.373	0.683	---	1975
1976	---	---	---	1.17	1.62	0.315	0.788	0.788	0.285	0.413	0.465	0.353	---	1976
MEAN	---	---	---	1.17	1.84	0.358	0.638	0.507	0.212	0.318	0.481	0.680	---	MEAN

LOCATION - LAT 43 48 50 N LONG 79 09 35 W DRAINAGE AREA, 111 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	0.054 ON AUG 23 *	---	1974
1975	---	21.2 ON APR 18 *	---	---	1975
1976	---	---	0.074 ON JUN 13	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	0.789	0.326	1.86	0.710	0.270	0.180	0.311	0.366	0.116	0.162	0.234	0.478	0.486	1964
1965	0.282	1.28	0.908	1.84	0.318	0.094	0.181	0.088	0.157	0.618	1.24	1.18	0.685	1965
1966	0.603	0.862	1.88	0.910	0.420	0.124	0.048	0.088	0.145	0.133	0.424	0.877	0.548	1966
1967	0.572	0.318	1.84	1.82	0.436	0.800	0.994	0.817	0.356	1.15	1.46	1.22	0.978	1967
1968	0.541	0.783	4.05	0.778	0.521	0.234	0.127	0.178	0.185	0.205	0.570	0.541	0.728	1968
1969	0.436	0.355	1.88	2.06	1.07	0.221	0.126	0.152	0.108	0.177	0.347	0.277	0.584	1969
1970	0.228	0.267	0.862	2.02	0.440	0.119	0.310	0.157	0.202	0.175	0.398	0.623	0.491	1970
1971	0.205	0.308	1.42	3.28	0.214	0.153	0.407	0.348	0.227	0.171	0.247	1.00	0.664	1971
1972	0.520	0.242	0.804	5.38	0.388	0.183	0.153	0.187	0.132	0.324	0.892	0.828	0.788	1972
1973	0.792	0.614	4.26	1.74	0.841	0.388	0.173	0.218	0.114	0.208	0.761	0.843	0.875	1973
1974	0.851	0.630	1.28	1.93	1.38	0.499	0.838	0.198	0.187	0.247	0.444	0.428	0.733	1974
1975	0.678	2.06	1.63	1.71	0.498	0.187	0.107	0.107	0.188	0.178	0.274	0.327	0.841	1975
1976	0.223	3.14	3.61	1.02	0.806	0.248	0.830	0.547	0.257	0.365	0.288	0.218	0.940	1976
1977	0.178	0.256	3.08	0.857	0.224	0.157	0.378	0.327	1.06	1.30	1.86	1.75	0.835	1977
1978	1.17	0.500	2.37	4.34	1.41	0.188	0.088	0.188	0.287	0.347	0.397	0.400	0.975	1978
1979	1.01	0.391	3.84	1.82	0.813	0.190	0.180	0.181	0.187	0.872	1.11	1.88	0.984	1979
1980	0.782	0.131	2.04	2.84	0.390	0.211	0.427	0.200	0.280	0.537	0.480	0.880	0.761	1980
1981	0.284	1.69	0.584	0.528	0.897	0.256	0.152	0.694	1.12	1.40	1.09	0.510	0.720	1981
1982	1.23	0.290	3.82	1.23	0.308	1.04	0.521	0.296	0.440	0.621	2.08	2.06	1.17	1982
1983	0.748	1.24	1.44	1.78	1.46	0.275	0.131	0.194	0.209	0.341	1.05	1.11	0.827	1983
1984	0.399	3.62	2.32	1.55	1.01	0.283	0.182	0.217	0.482	0.317	0.904	1.08	1.02	1984
1985	0.404	2.43	3.37	1.79	0.381	0.328	0.187	0.302	0.283	0.384	2.45	0.785	1.08	1985
1986	0.842	0.817	3.92	0.850	0.422	0.805	0.201	1.82	3.13	1.23	0.884	1.06	1.28	1986
1987	0.572	0.192	2.74	1.63	0.362	0.289	0.245	0.174	0.231	0.254	0.745	1.33	0.735	1987
1988	0.462	0.638	2.61	1.18	0.793	0.144	0.104	0.128	0.214	0.347	0.678	0.395	0.636	1988
MEAN	0.589	0.823	2.33	1.81	0.619	0.287	0.278	0.325	0.411	0.474	0.821	0.863	0.811	MEAN

LOCATION - LAT 43 54 28 N DRAINAGE AREA, 77.7 km²
LONG 79 12 58 W NATURAL FLOW

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1964	---	17.4 RB ON MAR 5	0.034 ON JUN 29	15 300	1964
1965	---	14.6 B ON FEB 10	0.034 ON JUN 27	21 800	1965
1966	10.7 AT 18:00 EST ON DEC 10	6.34 ON DEC 10	0.020 ON JUL 22 *	17 300	1966
1967	20.0 AT 06:30 EST ON AUG 28	12.8 ON AUG 28	0.083 ON JUN 4	30 800	1967
1968	15.1 B AT 08:00 EST ON MAR 19	13.2 B ON MAR 19	0.062 ON AUG 12	23 000	1968
1969	15.9 AT 20:31 EST ON APR 15	9.97 ON APR 15	0.051 ON JUL 21	18 400	1969
1970	9.97 AT 23:10 EST ON APR 2	5.36 ON APR 3	0.075 ON OCT 11	15 500	1970
1971	21.4 IN DEC	18.9 E ON APR 2	0.074 ON AUG 21	20 800	1971
1972	20.6 AT 01:15 EST ON APR 12	16.3 ON APR 13	0.079 ON JUL 26	24 800	1972
1973	---	16.0 ON MAR 4	0.068 ON SEP 13	27 600	1973
1974	28.1 AT 08:55 EST ON APR 4	15.7 ON APR 4	0.089 ON AUG 12	23 100	1974
1975	---	21.5 E ON FEB 24	0.057 ON AUG 16	20 300	1975
1976	---	12.7 B ON MAR 21	0.110 ON JUN 12	29 700	1976
1977	28.7 AT 11:30 EST ON MAR 13	16.1 ON MAR 13	0.082 ON JUL 26	29 500	1977
1978	27.5 AT 21:07 EST ON MAY 14	18.5 ON APR 7	0.057 ON JUL 12	30 700	1978
1979	19.9 AT 14:30 EST ON DEC 25	16.9 ON DEC 25	0.0308 ON FEB 18	31 400	1979
1980	33.3 AT 17:22 EST ON MAR 21	22.1 ON MAR 21	0.0508 ON FEB 3	23 700	1980
1981	16.5 AT 15:05 EST ON SEP 5	11.9 ON SEP 5	0.089 ON JUL 17	22 700	1981
1982	16.5 AT 02:42 EST ON DEC 28	13.0 B ON MAR 14	0.108 ON JUL 14	36 800	1982
1983	13.0 AT 03:26 EST ON MAY 3	10.0 B ON FEB 3	0.080 ON JUL 28	26 100	1983
1984	36.3 AT 09:10 EST ON FEB 14 *	26.0 B ON FEB 14 *	0.104 ON AUG 12	32 200	1984
1985	27.8 AT 19:40 EST ON FEB 24	21.1 B ON FEB 24	0.077 ON AUG 6	34 000	1985
1986	34.6 AT 07:30 EST ON SEP 11	24.7 ON SEP 11	0.087 ON JUL 11	40 300	1986
1987	19.6 AT 01:00 EST ON MAR 9	15.0 B ON MAR 8	0.107 ON AUG 26	23 200	1987
1988	---	12.2 ON MAR 24	0.056 ON JUL 10	20 100	1988
				26 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	6.87	8.22	4.52	---	1980
1981	3.78	5.06	8.23	56.2	16.0	27.8	15.6	6.15	5.58	9.83	10.5	7.38	14.4	1981
1982	5.83	4.68	4.80	35.5	44.3	11.4	6.23	4.80	9.41	25.3	28.1	28.3	15.8	1982
1983	20.8	10.8	15.6	48.0	45.0	40.3	8.67	5.26	4.23	11.8	11.5	10.1	18.4	1983
1984	7.44	7.74	7.05	38.8	21.1	13.8	14.3	7.51	12.8	16.8	31.5	27.1	17.3	1984
1985	13.7	7.24	8.38	83.1	38.3	13.1	7.81	7.83	6.80	11.0	18.0	8.98	17.1	1985
1986	6.87	5.84	6.56	46.6	22.8	13.2	12.6	17.0	13.8	16.3	11.4	8.65	15.3	1986
1987	6.72	5.24	7.42	21.5	11.0	7.63	6.02	3.81	2.29	3.33	5.25	6.33	7.38	1987
1988	6.33	5.25	6.78	70.6	30.7	9.53	6.78	6.20	6.11	22.8	58.8	24.8	21.2	1988
MEAN	8.87	6.48	7.88	47.7	28.0	17.1	8.58	7.83	7.86	14.2	19.8	13.8	16.1	MEAN

LOCATION - LAT 46 34 48 N DRAINAGE AREA, 1 180 km²
LONG 82 57 58 W REGULATED

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	147 AT 05:25 EST ON APR 6	141 R ON APR 6	3.508 ON FEB 7 -	456 000	1981
1982	116 AT 01:46 EST ON APR 28	111 ON APR 27	4.08 ON AUG 21	534 000	1982
1983	165 AT 03:57 EST ON APR 16	160 ON APR 16	3.88 ON SEP 15	612 000	1983
1984	87.6 AT 17:26 EST ON APR 17	85.9 ON APR 17	5.408 ON MAR 20	547 000	1984
1985	282 AT 00:08 EST ON APR 25 *	282 ON APR 25 *	5.46 ON SEP 22	538 000	1985
1986	84.1 AT 11:01 EST ON APR 21	83.8 ON APR 21	5.208 ON MAR 7	482 000	1986
1987	33.0 AT 23:07 EST ON APR 14	31.7 ON APR 15	1.87 ON SEP 28 *	233 000	1987
1988	---	160 ON APR 8	4.558 ON MAR 23	870 000	1988
				509 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	15.1	10.8	10.6	17.4	38.0	15.7	---	1942
1943	11.4	9.53	9.61	46.3	80.4	84.0	34.1	16.0	17.0	11.8	25.8	12.9	31.1	1943
1944	10.4	9.24	8.93	47.4	80.4	26.7	15.0	11.8	14.7	14.8	23.0	16.6	21.8	1944
1945	12.5	10.3	38.8	70.1	47.8	46.1	18.7	10.3	10.7	21.4	44.6	15.9	28.9	1945
1946	22.9	16.6	50.8	41.5	41.2	32.5	16.8	11.7	12.0	10.1	28.3	31.0	26.4	1946
1947	17.6	13.2	9.83	53.6	87.8	73.7	38.6	19.1	17.0	12.7	11.6	11.4	30.6	1947
1948	10.2	8.85	10.7	67.7	52.6	18.5	12.1	13.0	7.78	5.84	18.6	24.6	20.8	1948
1949	14.5	13.2	17.6	77.9	57.7	34.1	24.0	12.5	7.74	8.21	14.0	12.7	24.5	1949
1950	18.7	19.0	17.0	73.0	118	40.4	20.3	10.3	8.02	8.85	8.35	12.7	29.1	1950
1951	10.3	9.13	14.9	138	88.1	32.4	32.5	14.6	18.5	88.1	89.4	37.7	41.1	1951
1952	24.8	15.4	12.5	87.1	46.3	22.5	17.4	21.4	17.7	12.1	23.1	33.8	27.8	1952
1953	17.9	19.1	38.4	108	85.0	33.7	17.5	12.5	14.5	11.0	10.1	19.9	30.5	1953
1954	12.5	12.5	13.0	95.2	69.8	41.3	16.5	8.14	9.89	47.2	24.9	15.2	30.5	1954
1955	11.5	9.93	12.0	84.4	31.0	14.5	8.78	8.58	8.74	10.4	24.2	15.9	19.5	1955
1956	12.5	8.94	7.50	44.8	88.2	33.0	27.5	13.4	10.7	8.27	13.5	12.3	21.8	1956
1957	8.11	10.1	16.7	88.5	84.5	42.2	43.5	11.0	9.53	8.71	27.2	28.5	30.1	1957
1958	21.4	10.2	11.0	37.1	31.4	6.88	16.7	8.16	8.46	11.4	17.3	17.3	18.2	1958
1959	8.94	7.79	10.1	87.8	80.5	23.8	13.8	7.95	10.8	33.0	32.7	19.4	26.6	1959
1960	15.3	11.4	5.72	81.3	138	32.2	26.5	14.9	25.1	19.3	34.1	28.3	37.1	1960
1961	16.0	8.17	10.9	41.4	48.8	38.4	34.5	15.2	36.0	28.5	33.4	38.0	26.6	1961
1962	25.7	16.1	13.4	83.8	91.8	21.8	8.83	7.13	9.85	11.8	12.5	14.2	24.0	1962
1963	10.8	8.21	9.88	81.3	34.1	16.0	7.17	8.53	7.71	4.13	13.0	12.7	18.5	1963
1964	8.86	8.58	8.67	90.2	89.5	20.8	8.83	9.03	16.2	31.8	23.2	29.3	28.8	1964
1965	21.8	17.7	13.5	44.8	109	24.8	14.2	14.5	42.3	51.8	43.8	32.0	36.0	1965
1966	21.6	24.2	34.6	90.4	51.8	38.5	10.7	8.61	8.59	18.5	38.7	46.2	32.7	1966
1967	25.2	17.8	14.2	123	107	38.3	16.6	15.9	8.19	11.2	32.6	21.8	35.8	1967
1968	18.8	11.2	17.5	87.4	47.1	27.8	17.8	12.2	22.5	26.6	25.5	29.8	28.3	1968
1969	19.7	18.2	14.0	73.7	49.8	44.4	40.2	13.3	9.03	22.3	25.4	14.3	28.7	1969
1970	11.7	9.80	9.44	40.7	59.7	115	26.7	17.6	32.6	36.1	37.7	35.1	35.8	1970
1971	16.4	14.3	25.5	89.6	84.4	35.2	13.3	10.7	10.0	11.5	24.0	30.8	31.4	1971
1972	16.5	13.3	11.7	49.7	118	20.8	10.5	15.6	24.2	21.3	25.1	14.4	28.7	1972
1973	15.0	16.9	51.8	86.4	81.9	32.4	21.7	35.7	13.2	11.6	13.2	14.4	29.6	1973
1974	12.6	10.8	11.0	77.4	80.2	38.9	16.0	8.38	7.06	9.02	26.1	20.1	24.8	1974
1975	19.6	14.8	12.3	57.0	88.6	44.7	16.2	7.37	7.57	6.30	14.4	24.6	27.0	1975
1976	13.8	10.6	11.7	114	86.1	21.6	9.23	5.14	4.06	3.47	3.83	4.33	21.4	1976
1977	5.78	5.61	19.2	76.3	27.1	11.5	8.61	5.58	13.0	44.4	82.1	38.2	26.5	1977
1978	16.7	12.5	10.1	28.5	76.1	27.5	15.0	10.1	24.7	82.7	26.3	16.5	27.5	1978
1979	13.2	10.2	35.9	159	77.7	44.9	36.3	16.1	14.2	31.7	85.7	33.0	44.8	1979
1980	19.1	14.1	11.3	89.6	44.8	24.8	14.7	8.61	8.87	11.8	8.04	8.83	20.5	1980
1981	7.16	11.3	18.0	94.6	30.8	46.1	27.4	11.2	10.1	16.8	20.2	14.2	25.7	1981
1982	10.8	9.06	13.1	88.6	77.1	21.5	12.1	7.52	17.4	41.5	43.0	45.8	30.7	1982
1983	39.2	20.8	31.7	82.0	68.8	82.3	15.8	8.90	6.27	19.2	21.0	19.6	33.0	1983
1984	12.8	15.2	16.8	84.6	36.6	24.4	25.0	13.5	22.0	31.4	54.3	47.2	30.3	1984
1985	28.9	16.1	17.0	107	65.6	24.2	15.3	14.8	12.4	20.8	34.1	15.1	30.7	1985
1986	12.9	9.89	11.2	78.3	37.7	22.7	20.7	25.1	23.8	30.2	20.0	14.1	25.6	1986
1987	11.0	9.48	13.6	36.0	21.5	14.6	10.1	5.68	3.24	5.83	10.7	17.0	13.2	1987
1988	10.8	9.61	15.1	120	48.1	17.0	9.14	13.8	10.6	38.4	105	45.0	36.8	1988
MEAN	15.8	12.7	17.0	78.1	64.4	34.0	18.2	12.4	13.9	21.4	28.6	22.9	28.2	MEAN

LOCATION - LAT 48 23 38 N
LONG 83 17 10 W

DRAINAGE AREA, 1 980 km^2
REGULATED

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	47.6 ON NOV 1	---	---	1942
1943	---	154 ON JUN 20	8.68RB ON MAR 11	880 000	1943
1944	---	148 ON APR 28	8.50B ON MAR 7	883 000	1944
1945	---	127 ON MAR 30	7.45 ON SEP 8	814 000	1945
1946	---	81.8 ON MAR 22	7.90 ON OCT 23	833 000	1946
1947	---	154 ON MAY 4	8.50 ON NOV 2	996 000	1947
1948	---	95.4 ON APR 12	4.45 ON OCT 8	859 000	1948
1949	---	110 ON APR 15	6.82 ON OCT 6	772 000	1949
1950	---	189 ON MAY 9	5.21 ON SEP 25	818 000	1950
1951	---	294 ON APR 14	8.69RB ON FEB 14	1 300 000	1951
1952	---	206 ON APR 23	9.00 ON NOV 14	880 000	1952
1953	---	181 ON APR 12	7.28 ON NOV 10	983 000	1953
1954	---	203 ON APR 26	5.86 ON SEP 17	985 000	1954
1955	---	178 ON APR 16	4.76 ON SEP 28	817 000	1955
1956	---	88.1 ON MAY 17	5.71 ON OCT 23	688 000	1956
1957	---	226 ON APR 27	5.38 ON OCT 8	950 000	1957
1958	---	59.5 ON MAY 7	4.38 ON SEP 4	512 000	1958
1959	---	142 ON APR 19	5.07 ON AUG 15	836 000	1959
1960	---	294 ON MAY 11	4.81RB ON MAR 28	1 170 000	1960
1961	123 AT 11:20 EST ON SEP 16	116 ON SEP 16	7.53B ON FEB 22	902 000	1961
1962	---	277 ON MAY 5	4.81 ON AUG 24	785 000	1962
1963	---	116 ON APR 20	2.92 ON OCT 18	584 000	1963
1964	194 AT 04:00 EST ON APR 23	191 ON APR 23	5.24 ON JUL 31	850 000	1964
1965	207 AT 10:30 EST ON MAY 4	208 ON MAY 4	8.51 ON JUL 31	1 140 000	1965
1966	273 AT 07:00 EST ON APR 23	269 ON APR 23	5.83 ON SEP 26	1 030 000	1966
1967	439 AT 03:15 EST ON MAY 4	402 ON MAY 4	8.80 ON OCT 7	1 130 000	1967
1968	129 AT 06:00 EST ON APR 16	121 ON APR 16	7.98 ON AUG 15	827 000	1968
1969	141 AT 03:00 EST ON APR 16	140 ON APR 16	6.80 ON SEP 14	904 000	1969
1970	422 AT 06:06 EST ON JUN 3	374 ON JUN 2	7.67B ON MAR 13	1 130 000	1970
1971	173 AT 06:57 EST ON APR 23	172 ON APR 23	6.27 ON SEP 19	888 000	1971
1972	311 AT 18:09 EST ON MAY 4	309 ON MAY 4	6.36 ON JUL 31	807 000	1972
1973	108 AT 21:02 EST ON MAY 4	106 ON MAY 4	6.98B ON JAN 16	836 000	1973
1974	174 AT 03:16 EST ON APR 24	170 ON APR 24	5.10 ON SEP 9	782 000	1974
1975	232 AT 21:33 EST ON MAY 2	227 ON MAY 3	6.83 ON SEP 5	852 000	1975
1976	219 AT 02:02 EST ON APR 20	215 ON APR 19	1.98E ON NOV 20 *	676 000	1976
1977	114 AT 07:39 EST ON APR 19	114 ON APR 19	4.36 ON AUG 28	837 000	1977
1978	124 AT 07:41 EST ON OCT 8	122 ON OCT 8	7.25 ON AUG 22	858 000	1978
1979	487 AT 22:14 EST ON APR 27 *	488 ON APR 28 *	8.00B ON FEB 20	1 410 000	1979
1980	120 AT 05:00 EST ON APR 11	118 ON APR 11	3.86 ON NOV 15	848 000	1980
1981	217 AT 05:26 EST ON APR 6	215 ON APR 6	6.58B ON FEB 7	810 000	1981
1982	182 AT 16:23 EST ON APR 27	181 ON APR 27	8.00 ON AUG 21	988 000	1982
1983	236 AT 16:57 EST ON APR 16	230 ON APR 16	4.81 ON SEP 15	1 040 000	1983
1984	108 AT 07:38 EST ON APR 16	107 ON APR 18	11.3 ON AUG 13	958 000	1984
1985	337 AT 18:06 EST ON APR 25	333 ON APR 25	10.2 ON SEP 22	988 000	1985
1986	105 AT 16:23 EST ON APR 9	104 ON APR 9	7.40B ON MAR 9	805 000	1986
1987	47.0 AT 12:28 EST ON APR 15	45.6 ON APR 15	2.55 ON SEP 28	418 000	1987
1988	---	245 ON APR 9	7.28 ON AUG 4	1 150 000	1988
				891 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	0	0	0	0	0	0	2.97	10.3	10.4	5.37	0	0	2.44	1939
1940	0	0	0	0	16.4	24.0	31.8	28.3	25.0	0	0	0	11.2	1940
1941	6.00	20.5	17.3	18.8	42.2	45.8	39.7	34.5	36.5	34.1	49.2	43.9	32.4	1941
1942	35.0	26.6	20.5	20.5	50.4	65.4	54.6	45.5	35.9	15.6	59.3	53.1	40.3	1942
1943	41.5	32.4	24.6	20.0	45.5	64.6	68.9	59.1	52.8	40.3	38.5	32.0	43.3	1943
1944	28.3	20.8	17.4	18.3	57.7	77.2	61.6	70.9	65.6	48.7	46.5	39.0	45.5	1944
1945	30.8	24.1	19.8	37.3	31.0	61.8	58.0	47.1	18.0	30.6	35.8	31.6	35.6	1945
1946	25.6	20.4	16.6	27.2	73.6	76.5	74.3	52.2	39.3	31.4	47.9	50.8	44.6	1946
1947	36.5	31.3	20.2	18.8	41.6	62.2	63.4	57.0	44.6	31.6	22.8	32.0	38.4	1947
1948	24.3	18.5	8.56	6.43	30.8	46.1	39.8	25.1	19.8	7.58	1.91	27.7	21.4	1948
1949	24.1	35.1	45.6	42.6	32.6	59.9	30.5	21.9	26.8	30.0	37.5	40.4	35.7	1949
1950	45.2	45.3	39.6	28.9	52.6	64.6	65.6	39.0	37.6	40.9	89.1	82.0	49.4	1950
1951	44.0	34.6	26.4	25.2	55.0	45.4	36.9	26.4	26.8	33.0	42.2	46.8	37.1	1951
1952	46.6	40.8	29.1	20.2	27.4	59.3	57.7	43.7	36.0	35.3	24.8	24.3	37.0	1952
1953	26.3	29.5	26.6	26.3	52.5	62.7	63.6	30.9	33.7	35.8	32.0	27.6	37.3	1953
1954	32.2	37.3	33.5	28.4	76.4	73.2	31.8	33.2	33.8	25.7	33.5	30.2	38.1	1954
1955	32.3	42.4	40.3	24.4	55.6	49.1	37.1	31.6	36.0	27.8	28.8	28.8	36.2	1955
1956	27.8	24.8	26.8	22.6	16.7	61.6	45.0	33.0	28.9	37.6	34.5	26.6	32.1	1956
1957	21.2	19.5	18.6	23.1	71.2	74.5	54.6	35.8	34.4	35.7	34.8	33.6	36.3	1957
1958	41.6	42.6	33.5	33.6	68.6	62.0	61.5	36.6	36.6	33.0	39.6	29.2	45.0	1958
1959	38.1	49.1	35.6	27.9	33.6	52.9	33.7	30.1	23.6	22.5	22.6	23.6	32.7	1959
1960	27.8	38.7	30.8	28.1	50.6	71.3	38.9	26.8	25.1	18.7	34.9	41.0	35.9	1960
1961	41.8	46.4	39.0	34.6	74.0	63.5	37.0	24.3	13.6	43.1	55.4	33.3	42.1	1961
1962	40.0	54.5	40.9	35.6	41.3	78.3	31.1	33.2	53.1	38.5	36.1	36.8	43.1	1962
1963	40.0	39.3	30.4	26.3	32.7	76.4	30.0	27.8	31.9	34.6	32.9	34.3	36.5	1963
1964	36.1	33.5	30.4	34.9	87.6	98.1	78.2	59.2	50.6	74.0	48.4	43.0	56.2	1964
1965	42.3	40.3	57.8	61.3	88.6	59.8	30.5	27.7	18.7	62.2	39.0	41.6	46.0	1965
1966	52.0	48.8	37.4	37.9	80.1	76.2	46.2	83.4	51.1	46.2	46.0	42.9	52.5	1966
1967	56.7	48.8	34.9	41.4	68.1	82.7	49.4	42.7	20.0	21.0	39.7	46.2	47.8	1967
1968	54.6	44.6	33.1	41.5	75.7	78.8	61.8	71.6	34.0	36.8	44.2	52.4	54.4	1968
1969	50.5	48.1	38.6	38.4	83.6	85.4	48.2	38.0	35.9	33.4	25.4	22.8	45.9	1969
1970	34.6	45.1	38.5	28.7	87.4	86.0	72.5	40.1	35.7	86.8	85.2	46.5	51.8	1970
1971	51.4	55.8	45.1	37.5	70.1	68.1	37.6	28.0	6.14	22.1	73.4	47.5	45.2	1971
1972	44.1	46.0	34.1	23.9	70.2	58.0	34.3	31.3	25.8	36.8	48.6	51.4	42.4	1972
1973	42.3	34.1	28.5	22.1	32.6	35.2	51.8	42.7	35.2	33.1	23.8	41.7	35.3	1973
1974	38.4	40.7	31.6	24.5	22.2	35.3	44.1	43.4	34.8	40.3	46.3	48.1	37.5	1974
1975	44.4	40.5	31.6	25.9	25.1	44.7	50.5	25.8	28.9	10.8	32.3	43.4	33.6	1975
1976	51.6	44.6	32.6	18.9	38.2	48.0	49.9	45.4	31.2	21.7	18.3	15.1	34.7	1976
1977	13.1	12.0	20.3	19.3	71.3	53.8	71.4	43.3	51.9	54.3	48.2	47.8	42.3	1977
1978	56.4	48.1	35.2	25.6	19.2	75.8	51.9	39.0	23.6	16.3	9.00	36.3	36.4	1978
1979	31.0	25.9	20.1	22.2	70.5	80.2	36.1	25.6	25.6	6.77	18.6	44.6	32.6	1979
1980	47.1	34.4	30.3	28.2	60.9	41.5	37.9	27.9	14.7	24.3	41.7	51.4	35.9	1980
1981	42.0	36.4	37.8	34.2	38.3	33.9	38.6	26.5	9.86	3.84	13.0	10.0	27.4	1981
1982	43.7	38.5	20.6	15.5	46.9	60.0	67.5	27.0	33.6	55.6	48.5	64.7	43.6	1982
1983	49.4	53.9	43.6	33.0	40.1	87.7	46.4	29.3	19.6	22.9	51.3	48.4	42.0	1983
1984	53.6	56.6	41.6	23.4	90.6	89.3	72.3	51.6	53.4	42.3	27.1	38.6	51.8	1984
1985	29.4	23.4	27.9	30.9	40.7	85.6	41.6	75.3	61.9	82.1	83.1	58.6	52.5	1985
1986	54.1	54.7	39.4	20.6	71.6	48.7	52.2	42.0	23.6	23.1	23.6	36.0	40.6	1986
1987	39.7	37.6	27.3	12.6	0	10.2	13.1	4.60	36.1	19.6	20.6	36.3	21.4	1987
1988	37.7	32.8	24.6	13.6	56.7	56.6	49.7	53.7	60.2	86.4	72.7	59.4	51.2	1988
MEAN	37.0	38.1	29.7	26.1	50.6	60.0	48.2	38.6	33.1	34.3	37.3	37.8	38.1	MEAN

LOCATION - LAT 48 04 04 N
LONG 87 04 08 W

REGULATED SINCE 1939

DATA CONTRIBUTED BY - ONTARIO HYDRO

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	38.2 ON AUG 21	0 ON JAN 1 *	77 200	1939
1940	---	46.7 ON SEP 12	0 ON JAN 1	383 000	1940
1941	---	82.4 ON JUN 7	0 ON JAN 1	1 020 000	1941
1942	---	81.6 ON JUN 15	1.58 ON NOV 3	1 270 000	1942
1943	---	77.3 ON JUN 12	8.94 ON MAY 29	1 380 000	1943
1944	---	86.6 ON JUN 7	1.18 ON OCT 24	1 440 000	1944
1945	---	68.7 ON JUN 25	0 ON MAY 13	1 120 000	1945
1946	---	82.7 ON MAY 29	9.60 ON OCT 3	1 410 000	1946
1947	---	71.4 ON JUN 14	0 ON OCT 25	1 210 000	1947
1948	---	104 ON JUL 25	0 ON MAY 2	877 000	1948
1949	---	90.6 ON JUN 21	1.85 ON MAY 15	1 120 000	1949
1950	---	88.6 ON MAY 26	20.2 ON OCT 2	1 580 000	1950
1951	---	70.2 ON OCT 30	8.50 ON JUN 21	1 170 000	1951
1952	---	71.4 ON JUN 8	0 ON APR 25	1 170 000	1952
1953	---	78.7 ON JUL 7	4.08 ON DEC 25	1 180 000	1953
1954	---	108 ON MAY 17	0 ON OCT 15	1 230 000	1954
1955	---	87.4 ON JUN 1	0 ON APR 25	1 140 000	1955
1956	---	83.6 ON JUN 28	0 ON MAY 6	1 020 000	1956
1957	---	84.4 ON MAY 20	9.94 ON JAN 19	1 210 000	1957
1958	---	91.7 ON JUN 27	0 ON NOV 6	1 420 000	1958
1959	---	83.5 ON JUN 3	0 ON MAY 10	1 030 000	1959
1960	---	86.1 ON JUN 1	0 ON SEP 3	1 140 000	1960
1961	---	86.0 ON MAY 15	0 ON AUG 19	1 330 000	1961
1962	---	87.7 ON JUN 20	0 ON MAY 19	1 380 000	1962
1963	---	105 ON JUN 5	0 ON JUL 12	1 150 000	1963
1964	---	122 ON JUN 10 *	0 ON AUG 1	1 780 000	1964
1965	---	99.7 ON OCT 14	0 ON JUL 1	1 450 000	1965
1966	---	101 ON AUG 20	25.5 ON OCT 24	1 880 000	1966
1967	---	101 ON JUN 10	0 ON NOV 1	1 510 000	1967
1968	---	88.7 ON JUN 12	0 ON AUG 30	1 720 000	1968
1969	---	100 ON MAY 20	21.3 ON DEC 31	1 450 000	1969
1970	---	116 E ON JUN 20	0 ON MAY 20	1 620 000	1970
1971	---	91.7 ON NOV 20	0 ON SEP 11	1 430 000	1971
1972	---	84.6 ON MAY 25	0 ON SEP 22	1 340 000	1972
1973	---	75.5 ON MAY 30	0 ON APR 28	1 110 000	1973
1974	---	93.4 ON MAY 21	0 ON MAY 3	1 180 000	1974
1975	---	101 ON JUN 18	0 ON MAY 1	1 080 000	1975
1976	---	85.7 ON JAN 17	0 ON APR 21	1 100 000	1976
1977	---	114 ON JUL 3	0 ON APR 18	1 330 000	1977
1978	---	82.3 ON JUN 17	0 ON MAY 11	1 150 000	1978
1979	---	88.1 ON MAY 18	0 ON OCT 21	1 030 000	1979
1980	---	92.7 ON MAY 18	0 ON AUG 30	1 140 000	1980
1981	---	80.5 ON JAN 15	0 ON SEP 15	882 000	1981
1982	---	87.7 ON JUL 10	0 ON MAY 1	1 380 000	1982
1983	---	103 ON MAY 25	0 ON MAY 5	1 320 000	1983
1984	---	100 ON JUN 12	0 ON APR 18	1 640 000	1984
1985	---	98.6 ON AUG 15	0 ON APR 27	1 580 000	1985
1986	---	86.2 ON MAY 20	0 ON APR 18	1 280 000	1986
1987	---	51.4 ON JAN 21	0 ON APR 17	674 000	1987
1988	---	103 ON SEP 27	0 ON APR 20	1 620 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 230 000	MEAN

E - ESTIMATED

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	2.31	2.08	1.82	3.31	5.87	3.34	1.86	1.05	0.941	1.21	1.32	1.44	2.18	1980
1981	1.36	1.26	1.08	1.18	1.09	1.78	3.86	4.83	3.88	2.88	2.60	2.06	2.28	1981
1982	1.85	1.78	1.88	2.42	8.15	10.7	8.21	2.78	1.42	1.83	1.37	1.48	3.48	1982
1983	1.48	1.34	1.48	1.81	2.88	4.27	4.80	2.84	1.50	1.07	0.818	1.02	2.05	1983
1984	1.04	1.18	1.11	1.88	4.78	8.10	7.26	3.38	1.31	1.33	2.70	3.21	3.11	1984
1985	3.04	2.38	1.84	2.38	8.12	6.40	5.70	4.88	7.45	7.32	5.52	3.84	5.01	1985
1986	2.72	2.25	1.98	4.81	11.8	8.10	3.15	2.81	2.14	2.84	2.62	2.45	3.86	1986
1987	1.78	1.43	1.35	3.41	3.87	2.74	2.17	1.83	0.867	0.818	0.386	0.391	1.75	1987
1988	0.459	0.537	0.880	1.30	2.84	2.78	2.72	1.80	1.31	1.52	1.88	1.78	1.86	1988
MEAN	1.78	1.67	1.44	2.47	5.82	5.13	4.12	2.88	2.32	2.26	2.12	1.86	2.81	MEAN

LOCATION - LAT 50 40 38 N
LONG 93 58 07 W NATURAL FLOW

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	6.61 AT 20:23 CST ON MAY 3	6.46 ON MAY 5	0.861 ON SEP 15	69 000	1980
1981	6.12 AT 03:20 CST ON AUG 12	6.03 ON AUG 12	0.942 ON MAY 21	72 000	1981
1982	12.1 AT 15:05 CST ON JUN 10	12.0 ON JUN 10	1.17 ON SEP 27	108 000	1982
1983	5.76 AT 19:05 CST ON JUL 4	5.72 ON JUL 4	0.788 ON NOV 18	64 800	1983
1984	8.70 AT 21:31 CST ON JUN 27	8.65 ON JUN 27	0.877 ON OCT 12	88 500	1984
1985	10.8 AT 17:38 CST ON MAY 17	10.6 ON MAY 18	1.48 ON APR 12	158 000	1985
1986	13.3 AT 15:08 CST ON MAY 13 *	13.2 ON MAY 13 *	1.75 ON SEP 18	122 000	1986
1987	5.44 AT 08:11 CST ON APR 27	5.24 ON APR 27	0.330 ON DEC 6 *	85 200	1987
1988	3.53 AT 13:53 CST ON JUN 1	3.34 ON JUN 4	0.428 ON JAN 1	49 400	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		88 700	MEAN

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0.888	0.434	2.79	2.83	0.717	0.350	0.303	0.162	0.328	1.05	0.852	1.73	1.05	1980
1981	0.391	4.08	1.87	1.38	1.13	0.377	0.087	0.159	0.443	0.782	1.00	0.804	1.04	1981
1982	0.848	0.486	2.78	3.14	0.881	1.61	0.337	0.308	0.303	0.286	1.11	2.25	1.18	1982
1983	1.10	1.48	1.04	1.24	1.07	0.427	0.203	0.230	0.458	0.660	0.887	1.41	0.845	1983
1984	0.831	4.11	2.31	1.58	1.09	0.822	0.252	0.171	0.351	0.384	1.27	1.60	1.18	1984
1985	0.878	2.52	5.06	3.71	0.809	0.424	0.251	0.282	0.498	0.581	1.31	0.882	1.43	1985
1986	1.21	0.781	3.55	1.43	0.851	0.652	0.338	0.335	3.41	1.93	0.893	1.15	1.38	1986
1987	0.830	0.686	2.72	1.43	0.337	0.330	0.228	0.252	0.174	0.692	1.52	2.15	0.941	1987
1988	1.27	1.67	2.37	1.17	0.842	0.183	0.094	0.123	0.187	1.32	1.77	1.51	1.02	1988
MEAN	0.925	1.79	2.73	1.99	0.780	0.538	0.233	0.222	0.881	0.852	1.18	1.51	1.12	MEAN

LOCATION - LAT 43 57 44 N DRAINAGE AREA, 54.8 km²
LONG 81 30 58 W NATURAL FLOW

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	16.3 AT 14:38 EST ON MAR 21	13.1 ON MAR 21	0.107 ON AUG 25	33 100	1980
1981	16.6 AT 14:39 EST ON FEB 23	16.6 ON FEB 23	0.026 ON JUL 25 *	32 700	1981
1982	18.5 AT 15:59 EST ON MAR 31	17.4 ON MAR 31	0.155 ON AUG 19	37 100	1982
1983	5.84 AT 00:30 EST ON DEC 13	4.81 ON DEC 13	0.139 ON AUG 3	26 700	1983
1984	16.0 AT 19:15 EST ON FEB 14	14.3 ON FEB 14	0.125 ON AUG 25	37 400	1984
1985	16.0 AT 05:58 EST ON APR 6	15.7 ON MAR 28	0.148 ON AUG 4	45 100	1985
1986	25.2 AT 20:36 EST ON SEP 11 *	22.5 ON SEP 12 *	0.213 ON SEP 8	43 000	1986
1987	8.08 AT 23:17 EST ON MAR 8	7.028 ON MAR 9	0.102 ON SEP 10	28 700	1987
1988	---	9.37 ON FEB 1	0.080 ON JUL 9	32 300	1988
				35 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LUTTERAL CREEK NEAR GUSTIC - STATION NO. 02EA033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.141	0.181	0.242	---	1953
1954	0.176	0.906	1.70	2.00	0.452	0.216	0.048	0.085	0.089	1.78	0.587	0.417	0.701	1954
1955	0.563	0.212	1.48	2.15	0.470	0.142	0.035	0.058	0.081	0.385	0.816	0.471	0.572	1955
1956	0.284	0.197	0.885	3.61	1.83	0.592	0.718	2.17	0.985	0.455	0.476	0.695	1.08	1956
1957	0.644	0.762	1.21	1.38	0.634	0.577	0.338	0.060	0.248	0.230	0.563	1.22	0.654	1957
1958	0.334	0.198	0.686	0.720	0.143	0.083	0.071	0.042	0.122	0.105	0.368	0.228	0.257	1958
1959	0.246	0.321	0.879	4.31	0.892	0.131	0.106	0.128	0.093	0.270	0.822	0.511	0.689	1959
1960	0.388	0.409	0.356	4.26	2.26	0.747	0.347	0.211	0.381	0.218	0.328	0.086	0.828	1960
1961	0.057	0.832	1.03	0.873	0.641	0.701	0.201	0.083	0.141	0.125	0.212	0.285	0.437	1961
1962	0.085	0.084	1.80	1.27	0.208	0.087	0.043	0.038	0.040	0.202	0.828	0.403	0.391	1962
1963	0.158	0.155	0.813	0.880	0.552	0.111	0.033	0.037	0.034	0.044	0.107	0.081	0.250	1963
1964	0.153	0.122	1.07	1.08	0.481	0.146	0.145	0.194	0.175	---	---	---	---	1964
1965	---	---	1.80	1.41	1.05	0.591	0.067	0.048	0.067	0.077	0.306	0.885	---	1965
1967	0.358	0.278	1.08	2.26	0.483	1.21	0.718	0.194	0.165	0.558	0.751	1.46	0.794	1967
1968	0.371	1.29	2.83	1.06	0.528	0.260	0.428	0.845	0.912	0.852	1.13	0.875	0.945	1968
1969	0.888	0.884	1.83	3.26	1.19	0.273	0.118	0.082	0.083	0.120	0.494	0.224	0.782	1969
1970	0.162	0.178	0.522	2.33	0.734	0.170	0.217	0.155	0.274	0.484	0.800	1.25	0.808	1970
1971	0.528	0.508	0.888	2.98	0.431	0.821	0.383	0.206	0.133	0.144	0.188	0.780	0.648	1971
1972	0.435	0.305	0.444	4.25	0.725	0.885	0.418	0.109	0.078	0.486	0.856	0.823	0.778	1972
1973	0.918	0.782	3.26	1.30	1.19	0.585	0.126	0.139	0.073	0.142	0.871	0.467	0.809	1973
1974	0.750	0.841	2.84	2.03	1.63	0.371	0.137	0.082	0.071	0.088	0.327	0.288	0.772	1974
1975	0.401	0.810	1.74	3.04	0.678	0.311	0.080	0.105	0.180	0.184	0.403	0.553	0.688	1975
1976	0.314	1.17	3.44	1.77	1.15	0.539	0.454	0.443	0.372	0.845	0.472	0.285	0.823	1976
1977	0.188	0.151	2.49	1.24	0.312	0.154	0.133	0.238	0.517	1.11	1.01	1.05	0.718	1977
1978	0.852	0.358	0.725	3.73	1.12	0.254	0.085	0.088	0.385	0.354	0.522	0.576	0.751	1978
1979	0.514	0.248	3.19	2.30	0.988	0.417	0.120	0.084	0.074	0.239	0.766	1.04	0.852	1979
1980	0.818	0.451	2.36	1.87	0.744	0.625	0.588	0.208	0.170	0.467	0.372	0.743	0.753	1980
1981	0.281	2.48	0.802	0.981	0.528	0.279	0.439	0.463	0.588	0.918	0.875	0.434	0.748	1981
1982	0.245	0.198	1.14	3.22	0.590	1.09	0.285	0.233	0.378	0.431	1.55	2.34	0.973	1982
1983	0.847	1.06	1.25	1.67	1.55	0.418	0.098	0.122	0.138	0.281	0.418	0.588	0.705	1983
1984	0.221	1.84	1.84	1.78	0.886	0.340	0.185	0.086	0.185	0.222	0.582	1.03	0.735	1984
1985	0.487	1.52	3.50	2.75	0.505	0.294	0.304	0.345	0.739	0.747	1.80	1.07	1.16	1985
1986	0.587	0.484	2.09	1.22	0.804	0.532	0.488	1.01	3.75	1.88	0.781	0.837	1.22	1986
1987	0.557	0.518	2.30	1.85	0.305	0.183	0.353	0.142	0.104	0.238	0.465	0.837	0.663	1987
1988	0.710	0.708	1.59	1.48	0.478	0.100	0.084	0.087	0.180	0.353	0.984	0.548	0.804	1988
MEAN	0.430	0.625	1.85	2.14	0.787	0.408	0.245	0.258	0.351	0.434	0.625	0.898	0.733	MEAN

LOCATION - LAT 43 39 46 N DRAINAGE AREA, 84.8 km²
LONG 80 15 18 W REGULATED

LUTTERAL CREEK NEAR DUSTIC - STATION NO. 02GA033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	21.2 ON OCT 15	0.028 ON JUL 15	22 100	1954
1955	---	7.088 ON MAR 11	0.028 ON JUL 7	18 000	1955
1956	---	29.7 ON AUG 30 *	0.113 ON AUG 3	34 300	1956
1957	---	8.55 ON DEC 20	0.028 ON AUG 5	20 600	1957
1958	---	1.67 ON MAR 25	0.028 ON AUG 6	8 100	1958
1959	15.8 AT 22:00 EST ON APR 5	14.4 ON APR 5	0.048 ON JUN 25	21 700	1959
1960	---	10.4 B ON APR 2	0.0408 ON DEC 15	26 100	1960
1961	---	5.478 ON FEB 25	0.0548 ON JAN 15	13 800	1961
1962	19.7 ON MAR 30	15.6 ON MAR 30	0.011 ON AUG 31	12 300	1962
1963	5.38 ON MAR 27	5.82 ON MAR 27	0.008 ON JUL 11	7 890	1963
1964	2.86 ON APR 6	2.78 ON APR 6	---	---	1964
1965	---	---	---	---	1965
1967	13.8 AT 10:15 EST ON APR 3	10.3 ON APR 3	0.0118 ON MAR 3	25 000	1967
1968	10.8 B AT 13:15 EST ON MAR 19	8.508 ON MAR 18	0.054 ON AUG 4	29 800	1968
1969	8.55 AT 10:38 EST ON APR 5	7.99 ON APR 5	0.034 ON SEP 15	24 000	1969
1970	8.72 AT 21:14 EST ON APR 9	7.59 ON APR 9	0.068 ON AUG 11	19 100	1970
1971	8.49 AT 11:25 EST ON APR 10	7.14 ON APR 10	0.076 ON AUG 8	20 400	1971
1972	15.6 AT 22:35 EST ON APR 17	13.9 ON APR 18	0.051 ON SEP 30	24 600	1972
1973	9.74 AT 08:15 EST ON MAR 12	8.09 ON MAR 12	0.040 ON SEP 12	25 500	1973
1974	20.1 AT 12:28 EST ON MAY 17	15.8 ON MAY 17	0.054 ON AUG 22	24 300	1974
1975	22.7 AT 11:10 EST ON APR 19	20.6 ON APR 19	0.031 ON AUG 19	21 600	1976
1976	16.4 AT 11:58 EST ON MAR 21	13.4 ON MAR 21	0.071 ON SEP 9	29 200	1976
1977	16.3 B AT 14:56 EST ON MAR 13	15.3 B ON MAR 13	0.085 ON JUL 27	22 700	1977
1978	9.67 AT 21:50 EST ON APR 11	8.38 ON APR 12	0.045 ON AUG 14	23 700	1978
1979	15.1 AT 15:31 EST ON APR 14	12.2 ON APR 14	0.031 ON SEP 12	26 800	1979
1980	---	19.0 B ON MAR 21	0.044 ON AUG 29	23 800	1980
1981	---	11.0 B ON FEB 21	0.014 ON JUL 18	23 800	1981
1982	19.5 AT 23:32 EST ON MAR 31	13.5 ON APR 1	0.115 ON JUL 15	30 700	1982
1983	5.63 AT 09:53 EST ON MAY 3	5.74 ON MAY 3	0.007 ON SEP 14	22 300	1983
1984	---	4.828 ON FEB 17	0.054 ON AUG 17	23 200	1984
1985	16.1 AT 01:33 EST ON APR 5	12.2 ON APR 5	0.078 ON AUG 6	38 700	1985
1986	28.1 AT 15:54 EST ON SEP 11 *	23.4 ON SEP 11	0.142 ON JUL 12	38 300	1986
1987	10.0 AT 12:39 EST ON APR 5	8.02 ON APR 5	0.051 ON AUG 24	20 800	1987
1988	---	7.808 ON MAR 26	0.004 ON SEP 1 *	19 100	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 100	MEAN

LYN CREEK NEAR LYN - STATION NO. 02MB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	0.647	2.34	1.83	---	1970
1971	2.16	2.36	3.73	10.7	1.39	0.181	0.038	0.033	0.101	0.138	0.130	1.11	1.82	1971
1972	0.751	0.556	0.882	9.87	1.55	0.805	0.364	0.187	0.051	1.31	3.28	2.14	1.78	1972
1973	3.04	1.72	6.02	3.43	2.02	0.715	0.071	0.012	0.022	0.088	0.822	1.53	1.80	1973
1974	3.32	1.67	2.68	6.16	2.14	0.345	0.045	0.023	0.014	0.026	0.188	0.877	1.48	1974
1975	1.67	0.851	4.54	4.40	0.588	0.181	0.044	0.002	0.350	0.754	1.54	2.84	1.48	1975
1976	1.46	5.35	8.78	2.54	2.78	0.477	0.473	0.103	0.178	1.16	1.13	0.814	2.08	1976
1977	0.268	0.411	8.85	2.58	0.567	0.061	0.014	0.083	0.282	2.11	2.80	3.11	1.75	1977
1978	4.01	1.54	3.18	9.82	0.588	0.070	0.011	0.009	0.012	0.034	0.107	0.278	1.83	1978
1979	0.811	0.510	6.36	3.46	0.810	0.272	0.017	0.022	1.20	1.07	2.18	2.12	1.68	1979
1980	0.985	0.113	3.80	5.85	1.17	0.182	0.061	0.110	0.210	0.778	1.75	2.81	1.45	1980
1981	0.300	5.35	1.80	1.12	1.07	0.720	0.113	0.085	0.388	2.12	2.32	0.761	1.38	1981
1982	0.945	0.370	4.45	5.82	0.852	1.02	0.070	0.032	0.038	---	---	---	---	1982
1984	0.472	3.77	2.01	5.75	1.80	0.367	0.032	0.014	0.025	0.013	0.028	0.100	1.18	1984
1985	0.132	1.13	4.78	2.09	0.327	0.481	0.108	0.007	0.089	0.345	1.88	1.05	1.03	1985
1986	1.43	0.508	4.12	1.82	0.459	1.40	0.321	1.88	1.18	2.22	2.01	2.37	1.62	1986
1987	0.851	0.377	4.88	2.29	0.381	0.408	0.167	0.022	0.184	0.763	1.83	3.82	1.30	1987
1988	0.502	1.07	3.23	2.88	1.11	0.148	0.068	0.053	0.083	0.837	3.04	0.801	1.11	1988
MEAN	1.37	1.89	4.35	4.72	1.14	0.457	0.120	0.148	0.288	0.847	1.88	1.80	1.82	MEAN

LOCATION - LAT 44 31 30 N
LONG 75 48 18 W REGULATED

REMARKS - GAUGE INACTIVE OCT 1982-NOV 1983 DUE TO BRIDGE CONSTRUCTION

LYN CREEK NEAR LYN - STATION NO. 02HB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	30.8 AT 04:50 EST ON APR 13	28.8 ON APR 13	0.004 ON AUG 14	57 500	1971
1972	34.3 AT 03:18 EST ON APR 15	28.7 ON APR 15	0.025 ON SEP 23	58 600	1972
1973	---	23.0 ON MAR 18	0.008 ON AUG 17	50 600	1973
1974	40.5 AT 23:50 EST ON APR 4	33.7 ON APR 4	0.011 ON AUG 26	48 700	1974
1975	---	18.48 ON MAR 21	0.001 ON AUG 18 *	47 000	1975
1976	---	28.98 ON MAR 21	0.018 ON AUG 27	68 700	1976
1977	---	38.18 ON MAR 14 *	0.009 ON JUL 11	55 400	1977
1978	24.0 AT 08:20 EST ON APR 12	21.3 ON APR 12	0.008 ON JUL 18	51 400	1978
1979	18.7 AT 08:51 EST ON SEP 15	15.8 ON SEP 15	0.009 ON JUL 24	48 700	1979
1980	26.4 AT 12:40 EST ON MAR 22	25.5 ON MAR 22	0.015 ON JUL 18	45 800	1980
1981	---	24.88 ON FEB 21	0.026 ON AUG 7	43 800	1981
1982	43.2 AT 05:48 EST ON APR 1 *	37.8 ON APR 1	0.008 ON AUG 21	---	1982
1984	23.8 AT 01:28 EST ON APR 6	21.3 ON APR 6	0.003 ON OCT 2	37 300	1984
1985	18.1 AT 04:42 EST ON MAR 13	17.7 ON MAR 13	0.002 ON AUG 14	32 800	1985
1986	---	13.88 ON MAR 20	0.143 ON JUL 27	51 000	1986
1987	21.1E AT 19:30 EST ON NOV 30	18.9E ON DEC 1	0.003 ON AUG 23	41 100	1987
1988	---	13.78 ON MAR 26	0.015 ON JUL 13	36 100	1988
				48 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	0.841	0.192	0.143	0.165	0.255	0.288	0.435	0.922	---	1959
1960	0.673	1.58	1.19	5.17	4.07	0.459	0.286	0.181	---	---	---	0.288	---	1960
1961	0.220	1.24	1.57	1.23	0.787	0.408	0.245	0.184	0.178	0.178	0.387	0.448	0.586	1961
1962	0.550	0.193	2.45	0.726	0.273	0.169	0.153	0.101	0.141	0.260	0.381	0.326	0.480	1962
1963	0.152	0.188	1.78	0.696	0.778	0.174	0.124	0.128	0.153	0.143	0.253	0.193	0.402	1963
1964	0.657	0.333	1.18	1.01	0.403	0.152	0.117	0.671	0.181	0.200	0.380	0.570	0.486	1964
1965	0.413	2.11	1.61	2.07	0.370	0.125	0.404	0.180	0.170	1.11	2.21	3.06	1.14	1965
1966	0.626	0.456	1.87	0.807	0.638	0.281	0.057	0.043	0.137	0.155	0.541	1.32	0.593	1966
1967	1.18	0.784	2.48	2.09	0.743	0.531	0.791	0.686	0.375	0.900	1.48	1.26	1.11	1967
1968	0.620	2.22	4.44	1.16	0.840	0.457	0.162	0.233	0.314	0.320	0.659	0.566	0.987	1968
1969	0.791	0.841	2.27	2.43	1.16	0.338	0.188	0.205	0.131	0.192	0.323	0.381	0.768	1969
1970	0.231	0.636	3.06	1.87	0.683	0.228	0.264	0.141	0.218	0.304	0.613	0.738	0.748	1970
1971	0.466	1.48	2.41	3.06	0.408	0.531	0.571	0.536	0.583	0.328	0.391	1.07	0.881	1971
1972	1.01	0.850	1.38	8.04	0.703	0.404	0.282	0.288	0.287	---	---	---	---	1972
1975	---	---	---	---	---	---	---	0.175	0.281	0.247	0.500	0.808	---	1975
1976	0.333	3.22	4.48	1.56	1.20	0.405	0.769	0.359	0.320	0.387	0.342	0.182	1.12	1976
1977	0.140	0.388	3.19	1.24	0.233	0.148	0.216	0.386	0.727	1.08	1.55	1.80	0.838	1977
1978	1.13	0.183	2.18	4.36	1.45	0.288	0.271	0.380	0.424	0.386	0.508	0.454	1.01	1978
1979	0.331	0.237	3.07	2.16	0.857	0.288	0.200	0.212	0.247	0.471	0.859	1.13	0.827	1979
1980	0.854	0.359	3.80	3.38	0.893	0.534	0.853	0.386	0.448	0.888	0.846	1.00	1.16	1980
1981	0.240	5.08	1.02	0.868	0.687	0.423	0.314	0.847	1.02	1.34	1.28	0.571	1.08	1981
1982	0.851	0.282	4.07	2.80	0.492	0.983	0.383	0.250	0.382	0.484	1.54	1.40	1.14	1982
1983	1.03	1.28	1.87	1.88	1.65	0.338	0.109	0.184	0.204	0.398	0.827	1.05	0.887	1983
1984	0.255	3.54	2.78	2.38	1.10	0.305	0.180	0.340	0.638	0.382	1.03	1.08	1.16	1984
1985	0.404	2.61	3.72	2.45	0.726	0.342	0.323	0.387	0.287	0.400	2.30	0.838	1.22	1985
1986	1.10	0.743	2.83	0.761	0.488	0.410	0.426	1.91	2.63	1.22	0.895	1.56	1.24	1986
1987	0.784	0.833	3.86	1.77	0.448	0.444	0.386	0.283	0.361	0.417	1.08	1.43	0.860	1987
1988	0.586	1.08	2.03	1.78	0.707	0.312	0.252	0.209	0.345	0.534	0.884	0.510	0.772	1988
MEAN	0.592	1.24	2.64	2.16	0.862	0.356	0.313	0.349	0.423	0.498	0.884	0.918	0.808	MEAN

LOCATION - LAT 43 52 32 N
LONG 78 57 43 W
DRAINAGE AREA, 106 km^2
NATURAL FLOW

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
				---	1960
1960	---	23.2 B ON APR 1	---	18 500	1961
1961	---	5.698 ON MAR 30	0.0828 ON FEB 8	15 100	1962
1962	---	6.488 ON MAR 15	0.057 ON JUL 12	12 700	1963
1963	---	3.628 ON MAR 18	0.068 ON JUL 14	15 400	1964
1964	---	8.57 ON AUG 22	0.062 ON AUG 1		
				28 100	1965
1965	---	19.2 ON DEC 25	0.105 ON JUN 17	18 700	1966
1966	---	10.4 ON DEC 10	0.033 ON AUG 1 *	28 000	1967
1967	---	8.58 ON DEC 22	0.127 ON SEP 20	21 200	1968
1968	---	22.0 ON MAR 21	0.093 ON JUL 27	24 200	1969
1969	21.3 AT 18:43 EST ON APR 18	10.6 ON MAR 21	0.083 ON JUL 21		
				23 500	1970
1970	12.18 AT 23:00 EST ON MAR 23	10.8 B ON MAR 23	0.051 ON AUG 11	20 500	1971
1971	23.4 AT 09:11 EST ON JUL 8	15.7 ON APR 2	0.181 ON AUG 30	---	1972
1972	25.6 AT 11:57 EST ON APR 13	20.7 ON APR 13	0.125 ON SEP 23		
		---	0.099 ON AUG 23	---	1973
1973	---	23.7 ON MAR 21	0.0878 ON DEC 30	25 400	1974
1974	30.6 AT 07:13 EST ON MAR 21	16.8 ON MAR 13	0.028 ON JUN 11	29 500	1975
1975	22.6 AT 10:30 EST ON MAR 13	19.6 ON APR 7	0.0628 ON MAR 13	31 700	1976
1976	31.7 AT 06:13 EST ON APR 7	11.9 ON DEC 25	0.057 ON JUL 23	28 100	1977
1977	19.7 AT 10:00 EST ON MAR 14				1978
1978	---	30.0 RE ON MAR 21 *	0.158R ON AUG 27	28 700	1979
1979	---	25.0 B ON FEB 20	0.105 ON JUL 17	34 500	1980
1980	---	17.8 ON MAR 31	0.112 ON AUG 19	28 100	1981
1981	33.0 AT 20:45 EST ON MAR 31	12.5 ON MAR 19	0.089 ON JUL 27	26 000	1982
1982	26.8 AT 01:57 EST ON FEB 3	25.5 B ON FEB 14	0.097 ON JUL 24	28 500	1983
1983	28.8 AT 11:41 EST ON APR 5				1984
1984		23.0 B ON FEB 24	0.118 ON JUL 13	28 400	1985
1985	36.6 AT 08:25 EST ON APR 5	20.2 ON SEP 11	0.181 ON JUL 11	28 200	1986
1986	44.7 AT 06:03 EST ON AUG 27 *	19.1 B ON MAR 2	0.130 ON AUG 27	30 300	1987
1987	---	7.38 ON APR 4	0.108 ON JUL 8	24 400	1988
1988	---				
				28 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	7.05	17.5	2.31	0.458	0.182	0.171	0.218	0.474	0.775	1.95	---	1971
1972	3.87	2.00	4.43	22.7	5.01	2.43	1.13	0.493	0.234	2.34	5.42	6.15	4.65	1972
1973	7.87	5.70	13.1	10.6	5.23	1.85	0.201	0.323	0.823	0.830	1.85	4.13	4.36	1973
1974	5.85	4.78	7.85	15.3	7.04	0.984	0.811	0.358	0.277	0.458	1.07	3.45	4.15	1974
1975	4.17	2.42	13.0	11.6	1.89	0.488	0.087	0.075	1.48	3.02	4.08	5.37	4.01	1975
1976	2.97	7.57	17.8	8.13	6.43	2.12	1.23	0.941	0.841	1.74	2.30	1.54	4.72	1976
1977	1.04	1.24	10.9	7.87	1.70	0.303	0.134	0.891	0.487	3.41	3.84	7.42	3.78	1977
1978	8.14	5.40	6.32	18.7	2.11	0.230	0.070	0.423	0.575	---	---	---	---	1978
MEAN	4.74	4.30	10.8	14.4	4.31	1.11	0.482	0.410	0.817	1.77	2.88	4.29	4.28	MEAN

LOCATION - LAT 44 32 46 N
LONG 79 07 24 W
REGULATED

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	40.6 AT 18:05 EST ON APR 14	44.7 ON APR 15	0.078 ON MAY 29	144 000	1972
1973	46.2 AT 02:35 EST ON APR 15	27.2 ON APR 6	0.037 ON SEP 17	138 000	1973
1974	27.6 AT 17:20 EST ON APR 5	45.6 ON APR 5 *	0.078 ON AUG 12	131 000	1974
1975	48.1 AT 08:00 EST ON APR 5 *	27.2 ON MAR 23	0.037 ON MAY 29	127 000	1975
1976	27.9 AT 21:45 EST ON MAR 23	36.2 ON MAR 26	0.088 ON SEP 26	149 000	1976
1977	37.1 AT 08:00 EST ON MAR 26	39.4 ON MAR 15	0.031 ON FEB 23 *	119 000	1977
1978	40.2 AT 15:07 EST ON MAR 15	28.8 ON APR 8	0.037 ON JUL 21	---	1978
	28.8 AT 07:58 EST ON APR 8			136 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	1.36	1.58	1.10	2.28	2.60	---	1957
1958	1.17	1.00	2.35	2.08	1.12	1.17	1.03	0.935	0.709	0.773	1.05	0.774	1.16	1958
1959	2.66	2.02	3.70	3.15	1.70	1.04	0.788	0.734	0.661	0.844	0.882	1.33	1.64	1959
1960	1.38	2.08	3.31	3.68	2.47	1.36	1.08	0.873	0.718	0.742	0.885	0.534	1.57	1960
1961	0.531	1.60	1.74	2.56	1.96	1.21	1.28	1.03	0.660	0.626	0.766	0.889	1.20	1961
1962	0.869	1.01	2.60	1.03	0.766	0.749	1.44	0.652	0.561	0.652	0.973	1.12	1.00	1962
1963	0.684	0.643	2.35	2.05	1.14	0.975	0.701	0.683	0.467	0.448	0.802	0.470	0.927	1963
1964	0.630	0.654	1.89	1.89	1.46	0.763	0.626	1.32	0.710	0.736	0.892	1.20	1.07	1964
1965	1.18	3.07	5.22	3.40	1.48	0.888	0.588	0.578	0.674	1.05	1.27	1.61	1.72	1965
1966	1.31	1.89	2.12	1.92	1.39	1.06	0.892	0.813	0.814	0.817	0.817	1.89	1.28	1966
1967	1.62	1.53	1.72	2.52	1.86	1.13	0.962	0.893	0.922	1.10	1.02	1.40	1.39	1967
1968	1.28	2.13	1.50	1.20	1.37	1.74	1.30	1.01	1.07	0.922	1.37	1.51	1.38	1968
1969	3.48	1.94	1.81	3.10	2.80	1.78	1.22	0.947	0.848	0.907	1.20	1.25	1.74	1969
1970	1.09	1.33	1.84	2.02	1.37	0.872	0.985	0.727	0.678	0.932	1.68	2.02	1.32	1970
1971	1.32	2.28	2.98	2.21	1.41	1.08	0.822	0.730	0.715	0.738	0.782	1.10	1.34	1971
1972	1.39	1.08	4.28	2.84	1.82	1.30	1.28	1.04	0.877	0.953	1.25	1.82	1.65	1972
1973	1.88	1.58	3.88	2.42	1.83	1.46	1.16	0.760	0.653	0.948	1.82	1.80	1.65	1973
1974	2.70	2.80	3.55	3.83	2.88	1.76	1.28	1.08	1.03	0.992	1.32	1.42	1.95	1974
1975	1.75	2.18	2.85	2.24	1.50	1.71	1.17	1.13	1.49	1.26	1.48	1.98	1.73	1975
1976	1.81	3.71	5.74	3.36	3.12	1.78	1.84	1.50	1.33	1.35	1.36	1.24	2.34	1976
1977	1.11	1.34	3.61	2.81	1.63	1.25	1.08	0.987	2.82	2.44	1.84	3.41	2.02	1977
1978	2.12	1.71	4.13	3.78	2.75	1.81	1.11	1.18	1.23	1.48	1.46	1.70	2.02	1978
1979	1.89	1.68	3.83	3.89	2.15	1.42	1.10	1.14	1.13	1.27	1.71	2.37	1.92	1979
1980	2.24	1.43	2.81	3.48	2.27	1.81	1.12	1.06	1.63	1.45	1.40	1.89	1.86	1980
1981	1.13	3.10	2.12	3.10	1.85	1.27	0.966	0.802	1.86	1.53	1.48	1.34	1.80	1981
1982	1.44	1.10	4.45	3.61	2.04	2.71	1.41	1.12	1.35	1.22	2.77	3.55	2.24	1982
1983	2.43	2.80	2.35	3.79	3.11	1.83	1.54	1.09	1.36	1.44	1.71	2.65	2.18	1983
1984	1.75	3.97	3.25	3.95	2.99	2.56	1.82	1.55	1.89	1.54	1.82	2.12	2.43	1984
1985	2.13	3.48	4.72	3.53	2.08	1.89	1.28	1.37	1.45	1.61	3.82	2.68	2.50	1985
1986	2.28	2.09	4.13	2.95	2.44	1.88	1.49	1.48	1.66	2.82	2.29	3.45	2.41	1986
1987	2.57	1.87	3.57	3.10	1.72	1.43	1.29	1.27	1.16	1.14	1.35	1.98	1.78	1987
1988	1.50	2.10	2.16	1.85	1.41	0.819	1.39	1.15	1.06	1.30	1.95	1.67	1.53	1988
MEAN	1.86	1.98	3.06	2.71	1.92	1.43	1.16	1.05	1.11	1.15	1.46	1.76	1.70	MEAN

LOCATION - LAT 43 49 21 N DRAINAGE AREA, 134 km²
LONG 80 17 22 W REGULATED

REMARKS - REGULATION BY SMALL MILLS

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	---	---	---	1957
1958	---	5.69 ON FEB 27	0.227 ON SEP 15	37 300	1958
1959	---	15.3 ON MAR 6	0.178 ON OCT 29	51 700	1959
1960	---	24.6 ON MAR 31	0.118 ON DEC 15	49 700	1960
1961	---	7.82 ON FEB 23	0.085 ON FEB 14	37 800	1961
1962	---	21.5 ON MAR 12	0.098 ON SEP 11	31 600	1962
1963	---	14.5 B ON MAR 17	0.118 ON SEP 19	29 300	1963
1964	---	6.99 ON AUG 22	0.125 ON JUL 28	33 700	1964
1965	---	38.2 ON MAR 5 *	0.108 ON AUG 15	54 300	1965
1966	---	6.17 ON FEB 11	0.078 ON JUL 12	40 300	1966
1967	---	5.72 ON APR 5	0.586 ON JUL 6	43 800	1967
1968	---	17.8 ON FEB 2	0 ON FEB 5 *	43 100	1968
1969	28.8 AT 16:00 EST ON JAN 30 *	21.1 ON JAN 30	0.776 ON AUG 29	64 900	1969
1970	4.78 AT 20:43 EST ON APR 2	4.08 ON APR 3	0.804 ON AUG 11	41 700	1970
1971	20.1 AT 19:55 EST ON FEB 27	12.2 ON FEB 27	0.595 ON AUG 21	42 200	1971
1972	24.9 AT 04:19 EST ON MAR 2	20.1 ON MAR 2	0.714 ON SEP 22	52 200	1972
1973	9.60 AT 18:13 EST ON MAR 17	7.84 ON MAR 16	0.576 ON SEP 8	51 900	1973
1974	13.3 AT 07:13 EST ON MAR 5	10.6 ON MAR 5	0.714 ON OCT 10	61 500	1974
1975	10.4 AT 16:38 EST ON FEB 24	8.07 ON FEB 24	0.888 ON JUL 29	54 400	1975
1976	22.0 AT 18:59 EST ON MAR 5	16.0 ON MAR 5	1.07 ON OCT 29	74 100	1976
1977	23.8 AT 07:12 EST ON SEP 28	16.6 ON SEP 28	0.739 ON AUG 2	63 600	1977
1978	22.0 AT 16:48 EST ON MAR 21	16.0 ON MAR 21	0.675 ON JUL 25	63 800	1978
1979	17.4 AT 19:31 EST ON MAR 4	13.3 ON MAR 4	0.852 ON JUL 22	60 700	1979
1980	16.5 AT 18:51 EST ON MAR 21	10.0 ON MAR 21	0.773 ON JUL 19	59 000	1980
1981	12.5 AT 14:27 EST ON FEB 11	7.86 ON FEB 11	0.563 ON JUL 19	50 800	1981
1982	21.8 E AT 18:27 EST ON MAR 13	14.2 ON MAR 13	0.384 ON JUL 26	70 600	1982
1983	9.83 AT 10:26 EST ON FEB 3	8.16 ON FEB 3	1.08 ON JUL 18	66 600	1983
1984	17.1 AT 21:46 EST ON FEB 13	13.6 ON FEB 14	1.36 ON AUG 26	76 700	1984
1985	19.1 AT 20:33 EST ON FEB 23	17.6 ON FEB 24	0.880 ON AUG 4	78 000	1985
1986	16.3 AT 00:53 EST ON MAR 11	13.6 ON MAR 11	1.16 ON JUL 31	75 800	1986
1987	9.87 AT 12:26 EST ON AUG 9	8.68 ON APR 5	0.675 ON NOV 16	66 300	1987
1988	---	8.79 ON FEB 23	0.410 ON JUL 7	46 300	1988
				63 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	2.56	2.36	4.85	7.62	2.96	1.51	1.16	0.986	0.597	0.685	1.52	1.68	2.29	1984
										0.501	0.880	1.44		
1985	1.32	3.30	2.40	14.3	7.22	1.77	1.32	0.888	0.708	1.22	1.86	3.27	3.30	1985
1986	3.02	3.16	5.16	4.94	3.38	2.28	0.844	0.837	0.873	1.14	1.57	2.67	2.58	1986
1987	2.13	2.66	4.37	11.2	3.60	5.10	8.28	3.86	3.28	4.43	6.03	6.88	5.14	1987
1988	3.15	5.83	10.2	9.20	4.03	2.27	1.31	2.06	1.82	2.20	5.12	6.50	4.58	1988
1989	5.12	4.07	8.04	15.6	6.89	3.63	2.21	1.15	0.906	1.43	2.06	1.93	4.42	1989
1970	1.36	1.66	1.93	16.6	6.33	2.40	2.26	1.27	1.41	1.64	1.92	2.78	3.62	1970
1971	2.26	1.90	4.06	17.0	5.36	2.00	1.41	1.00	0.874	0.858	1.20	2.69	3.38	1971
1972	1.60	1.46	1.92	15.9	6.19	2.83	1.74	1.32	1.02	1.62	2.45	2.41	3.38	1972
1973	4.66	4.63	13.6	10.9	4.66	2.81	1.56	1.52	0.944	1.19	3.01	2.89	4.43	1973
1974	3.14	2.99	9.77	12.3	8.91	2.66	4.10	1.65	1.24	1.55	2.23	1.93	4.23	1974
1975	2.81	2.66	4.71	12.2	6.26	2.20	1.55	1.24	1.36	1.20	1.30	1.87	3.43	1975
1976	1.78	2.43	17.0	10.3	5.13	1.99	2.09	1.61	1.70	2.13	3.34	2.89	4.36	1976
1977	1.56	1.46	14.3	9.10	2.52	1.65	1.34	1.09	2.59	4.62	6.23	4.41	4.22	1977
1978	3.02	2.01	2.61	14.9	7.58	3.22	1.65	1.44	1.55	1.94	1.83	1.93	3.63	1978
1979	2.64	2.02	11.9	13.4	6.06	2.53	1.67	1.49	1.47	2.81	4.84	6.59	4.79	1979
1980	5.54	3.37	6.54	9.63	3.69	2.65	3.19	2.42	2.50	3.21	3.53	4.19	4.15	1980
1981	1.68	9.19	6.73	5.83	4.62	2.49	1.69	2.05	2.72	3.78	4.76	4.74	4.17	1981
1982	3.60	2.31	6.50	21.3	4.62	4.36	2.18	1.91	1.53	2.05	4.26	6.36	5.28	1982
1983	4.91	3.66	7.61	8.59	6.17	2.51	0.834	0.908	1.11	1.30	3.13	2.64	3.74	1983
1984	1.62	7.65	5.61	13.6	4.61	2.42	1.56	1.21	2.05	1.32	2.62	5.67	4.15	1984
1985	3.73	5.71	10.9	20.0	4.37	2.37	1.72	1.64	2.26	1.96	5.91	4.57	5.40	1985
1986	3.13	2.62	10.7	8.62	3.53	2.21	1.56	1.60	6.06	6.53	3.26	2.93	4.39	1986
1987	2.90	2.20	6.09	10.2	---	---	---	---	---	---	---	---	---	1987
MEAN	2.92	3.39	7.46	12.4	5.37	2.62	2.06	1.54	1.76	2.15	3.08	3.65	4.04	MEAN

LOCATION - LAT 64 18 15 N, LONG 80 00 07 W DRAINAGE AREA, 295 km² REGULATED

REMARKS - MISSING DATA (MAY-SEP) DUE TO VANDALISM. GAUGE DESTROYED BY CAR OCT 02 1987. REPLACED IN 1988 BY 02ED015

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	18.6R ON APR 8	0.487 ON OCT 1	72 800	1984
1985	---	31.7 ON APR 6	0.498 ON AUG 25	104 000	1985
1986	---	17.0E ON MAR 19	0.548 ON JUL 30	80 500	1986
1987	139 AT 01:30 EST ON JUL 1 *	34.5 ON APR 3	1.06 ON JAN 22	182 000	1987
1988	61.8 AT 20:30 EST ON MAR 31	32.8R ON FEB 2	0.685 ON JUL 26	144 000	1988
1989	48.4 AT 22:36 EST ON MAY 16	32.0 ON APR 10	0.515 ON SEP 7	139 000	1989
1970	56.4 AT 14:05 EST ON APR 21	44.5 ON APR 21	0.874 ON AUG 25	114 000	1970
1971	37.9 AT 06:44 EST ON APR 13	36.1 ON APR 13	0.688 ON OCT 30	107 000	1971
1972	54.4 AT 23:29 EST ON APR 16	38.8 ON APR 19	0.733 ON SEP 24	107 000	1972
1973	41.9 AT 09:11 EST ON APR 2	36.1 ON APR 2	0.733 ON SEP 16	140 000	1973
1974	54.9E AT 05:02 EST ON APR 4	42.5E ON APR 4	0.840 ON SEP 15	133 000	1974
1975	62.1E AT 07:46 EST ON APR 19	62.1E ON APR 19 *	0.851E ON AUG 11	108 000	1975
1976	104 AT 02:01 EST ON MAR 21	67.1 ON MAR 21	1.10 E ON SEP 14	138 000	1976
1977	58.3 AT 06:16 EST ON MAR 13	43.3 ON MAR 13	0.823 ON JUL 24	133 000	1977
1978	37.7E AT 16:30 EST ON APR 11	22.4E ON APR 11	0.830E ON SEP 11	116 000	1978
1979	50.3 AT 09:12 EST ON MAR 26	37.6 ON APR 14	1.02 ON SEP 30	151 000	1979
1980	74.4 AT 14:19 EST ON MAR 21	41.6 ON MAR 21	1.36 ON JUL 12	131 000	1980
1981	---	34.5R ON FEB 19	1.21 ON AUG 23	131 000	1981
1982	90.3 AT 18:00 EST ON MAR 21	57.9 ON MAR 31	1.06 ON SEP 11	186 000	1982
1983	28.7 AT 11:33 EST ON APR 10	19.6 ON APR 10	0.481 ON JUL 24 *	118 000	1983
1984	49.1 AT 02:56 EST ON DEC 29	33.3 ON DEC 29	0.937 ON AUG 26	131 000	1984
1985	55.7 AT 17:44 EST ON MAR 26	38.2 ON MAR 26	0.995 ON AUG 14	170 000	1985
1986	50.6 AT 22:16 EST ON SEP 11	26.7 ON MAR 19	1.12 ON SEP 3	139 000	1986
1987	34.5 AT 01:27 EST ON APR 6	29.2 ON APR 6	---	---	1987
				128 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	---	---	6.84	0.315	1.20	43.4	---	1942
1943	53.5	47.4	51.0	25.8	148	39.7	16.2	11.2	13.8	13.8	31.7	70.3	43.5	1943
1944	56.9	22.5	40.5	5.80	0.187	0.223	0.656	5.78	36.1	46.5	33.7	34.4	24.2	1944
1945	43.7	52.2	30.5	26.7	36.4	54.0	22.1	10.5	26.8	19.8	24.0	31.6	31.7	1945
1946	55.0	59.8	45.3	29.2	8.63	32.5	10.1	4.60	25.7	25.0	41.7	22.7	29.8	1946
1947	46.2	74.6	55.8	57.8	98.6	72.9	34.8	15.8	29.8	33.3	48.8	46.1	50.8	1947
1948	48.8	53.2	25.1	12.0	34.1	37.1	11.0	11.8	46.5	20.7	20.1	22.5	26.5	1948
1949	51.8	58.8	58.9	9.55	38.8	28.4	9.43	34.4	43.4	44.2	30.1	18.2	36.5	1949
1950	6.89	66.2	51.5	5.17	33.4	22.9	18.2	17.5	48.5	54.7	34.0	11.4	30.6	1950
1951	46.2	60.1	64.0	66.1	59.1	26.3	23.0	10.2	35.5	24.9	53.2	50.1	46.6	1951
1952	62.4	73.4	62.7	15.8	19.8	26.1	10.3	8.23	40.8	47.5	46.8	15.4	35.4	1952
1953	46.9	36.5	18.0	0	0	8.83	8.28	26.4	65.8	33.5	18.2	10.7	22.6	1953
1954	26.6	24.8	39.9	9.74	4.55	31.6	13.4	13.1	18.4	63.7	42.3	64.3	28.5	1954
1955	70.1	73.8	31.6	21.6	18.6	23.8	11.9	7.72	4.63	1.41	0.274	46.5	25.7	1955
1956	62.0	63.8	27.6	4.83	2.91	29.0	20.4	13.8	35.0	43.7	57.8	50.4	34.1	1956
1957	42.6	26.8	34.0	5.57	0	0	31.5	18.3	23.0	38.9	26.6	52.1	25.0	1957
1958	57.8	62.0	71.3	16.5	0	12.2	21.7	32.0	19.0	19.4	18.4	39.1	33.1	1958
1959	54.2	44.1	18.2	9.70	38.0	15.0	1.75	6.07	23.1	30.9	37.5	33.9	26.2	1959
1960	53.6	53.8	65.4	41.5	53.6	20.5	18.0	9.33	19.2	40.6	46.3	35.6	41.1	1960
1961	30.4	26.0	3.97	0	0	0	14.0	27.3	23.5	26.0	34.0	26.1	17.9	1961
1962	40.6	46.5	18.4	0	0.027	3.89	13.1	22.0	20.9	8.20	6.60	16.4	16.2	1962
1963	41.2	56.2	20.4	0	2.62	26.3	28.4	8.76	19.2	16.5	7.46	32.7	21.8	1963
1964	64.5	58.1	29.0	9.49	0	0	2.74	9.80	19.9	9.33	6.83	13.0	19.2	1964
1965	40.9	32.6	33.9	2.99	42.2	17.9	13.1	14.4	6.85	37.5	62.6	68.7	31.4	1965
1966	65.2	59.8	50.4	15.8	56.7	46.7	23.6	17.6	20.4	19.5	3.80	67.8	39.3	1966
1967	61.9	57.2	69.5	3.98	36.3	53.4	40.9	19.2	41.3	35.1	61.0	76.6	49.7	1967
1968	101	62.8	28.7	0	0	15.2	21.8	20.3	15.6	27.7	16.7	35.8	28.9	1968
1969	47.4	36.8	13.4	8.49	77.5	36.3	29.0	19.4	21.4	21.3	21.6	46.0	31.8	1969
1970	54.3	32.3	12.7	7.45	31.1	34.4	30.5	47.2	24.5	18.8	31.7	33.8	30.0	1970
1971	69.4	44.4	21.8	43.1	24.7	27.8	10.1	15.9	38.1	27.5	20.7	7.35	29.1	1971
1972	23.7	41.0	34.2	25.1	71.4	43.1	43.7	26.0	42.7	28.4	48.6	76.5	42.1	1972
1973	51.9	52.1	50.5	86.4	80.2	57.3	21.0	19.7	6.75	18.6	37.6	20.3	40.4	1973
1974	53.3	79.6	64.2	24.3	116	35.9	13.1	20.4	26.3	13.9	4.52	63.1	43.2	1974
1975	70.9	59.6	21.2	31.6	7.35	2.85	13.3	10.6	16.1	18.1	29.3	48.8	27.4	1975
1976	64.2	36.1	35.6	71.7	44.6	26.3	20.8	14.0	10.6	10.6	15.2	43.4	32.6	1976
1977	53.0	46.6	8.26	0.283	7.19	9.57	10.6	9.77	9.11	8.50	30.0	67.3	21.7	1977
1978	61.7	72.8	23.9	26.3	47.8	32.7	9.71	8.87	12.2	33.9	34.1	40.2	33.4	1978
1979	39.3	63.4	38.4	42.8	64.1	32.8	10.1	8.98	6.72	31.4	32.4	65.9	36.2	1979
1980	71.3	74.9	27.7	34.3	27.5	37.6	25.4	36.1	9.83	27.1	44.2	56.1	40.2	1980
1981	63.9	52.0	65.2	13.7	51.0	27.2	12.4	15.4	64.2	36.4	47.4	60.3	44.1	1981
1982	67.0	53.0	20.5	35.6	18.1	39.2	18.4	8.07	6.85	6.45	29.1	74.3	31.2	1982
1983	64.0	69.0	17.3	20.3	115	38.4	8.39	7.63	7.20	6.39	25.1	43.1	38.2	1983
1984	80.1	73.1	57.3	45.2	51.7	31.8	20.8	9.20	7.38	7.89	31.1	42.9	38.1	1984
1985	83.1	76.2	65.5	61.6	50.5	17.7	11.1	8.46	7.82	12.4	43.2	39.8	39.8	1985
1986	---	---	---	---	---	---	---	---	3.81	6.80	36.0	33.7	---	1986
MEAN	57.0	56.8	36.0	33.3	37.5	27.5	17.7	15.9	23.5	24.7	30.9	42.2	33.0	MEAN

LOCATION - LAT 45 24 59 N LONG 77 47 17 W DRAINAGE AREA, 2 720 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	---	---	---	1942
1943	---	222 ON MAY 11	0.340 ON APR 8	1 370 000	1943
1944	---	133 ON JAN 1	0 ON MAR 26 *	783 000	1944
1945	---	78.2 ON JUN 19	0 ON MAR 23	899 000	1945
1946	---	86.9 ON MAR 24	0 ON MAR 17	838 000	1946
1947	---	201 ON MAY 8	0 ON JAN 1	1 500 000	1947
1948	---	118 ON MAY 22	0 ON MAR 18	903 000	1948
1949	---	100 ON FEB 4	0 ON MAR 30	1 220 000	1949
1950	---	100 ON FEB 12	0 ON JAN 1	988 000	1950
1951	---	200 ON APR 17	0 ON MAR 28	1 470 000	1951
1952	---	87.5 ON MAR 1	0 ON APR 15	1 120 000	1952
1953	---	132 ON SEP 16	0 ON JAN 1	718 000	1953
1954	---	101 ON OCT 18	0 ON MAR 4	900 000	1954
1955	---	93.2 ON FEB 7	0 ON APR 17	811 000	1955
1956	---	83.6 ON NOV 10	0 ON APR 10	1 080 000	1956
1957	---	76.2 ON DEC 31	0 ON APR 2	789 000	1957
1958	---	96.3 ON MAR 6	0 ON APR 8	1 040 000	1958
1959	---	73.1 ON JAN 21	0 ON MAR 5	826 000	1959
1960	---	118 ON APR 28	0.425 ON APR 20	1 300 000	1960
1961	---	63.1 ON JUL 25	0 ON MAR 11	684 000	1961
1962	---	56.4 ON FEB 8	0 ON APR 1	513 000	1962
1963	---	84.6 ON FEB 25	0 ON MAR 29	890 000	1963
1964	---	77.6 ON FEB 19	0 ON MAR 10	809 000	1964
1965	---	97.4 ON MAY 15	0 ON FEB 12	988 000	1965
1966	---	129 ON FEB 15	0 ON MAR 24	1 240 000	1966
1967	---	138 ON MAR 12	0 ON APR 4	1 570 000	1967
1968	---	114 ON JAN 11	0 ON MAR 23	815 000	1968
1969	---	143 ON MAY 13	0 ON OCT 21	1 000 000	1969
1970	---	107 ON JUL 22	0 ON APR 20	945 000	1970
1971	---	88.2 ON JAN 14	0 ON DEC 14	918 000	1971
1972	---	155 ON MAY 19	0.566 ON OCT 25	1 330 000	1972
1973	---	122 ON APR 4	0 ON MAR 20	1 270 000	1973
1974	---	185 ON MAY 21	0.425 ON APR 19	1 380 000	1974
1975	---	85.2 ON JAN 8	0 ON MAY 15	684 000	1975
1976	---	105 ON APR 20	0 ON JAN 1	1 040 000	1976
1977	---	86.9 ON DEC 23	0 ON MAR 18	688 000	1977
1978	---	127 ON MAY 18	0 ON APR 28	1 050 000	1978
1979	---	116 ON MAY 4	5.18 ON JUL 6	1 140 000	1979
1980	---	90.9 ON JUL 31	0 ON NOV 4	1 270 000	1980
1981	---	150 ON MAR 10	0.400 ON FEB 27	1 380 000	1981
1982	---	103 ON JUN 24	3.80 ON MAY 31	985 000	1982
1983	---	266 ON MAY 9 *	0.800 ON MAR 18	1 200 000	1983
1984	---	98.8 ON FEB 1	4.00 ON AUG 3	1 210 000	1984
1985	---	120 ON FEB 1	2.80 ON JUL 28	1 250 000	1985
1986	---	---	---	---	1986

* - EXTREME RECORDED FOR THE PERIOD OF RECORD — 1 040 000 MEAN

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	31.1	83.4	70.7	---	1937
1938	54.3	52.6	141	380	218	118	36.6	25.4	33.9	47.6	37.5	35.3	89.1	1938
1939	36.8	38.6	40.1	140	348	85.8	33.6	28.1	35.0	34.7	30.0	24.4	72.5	1939
1940	21.6	21.8	26.2	141	240	210	55.3	27.7	31.3	---	---	---	---	1940
1941	55.6	55.7	43.3	325	157	80.0	44.8	25.4	20.6	27.8	55.6	83.1	88.5	1941
1942	62.3	49.3	66.0	223	139	133	28.2	12.1	19.1	20.8	49.7	73.9	73.0	1942
1943	77.9	79.5	82.6	183	535	137	46.3	31.5	28.3	26.9	89.6	78.9	117	1943
1944	68.8	33.4	56.2	88.6	88.3	49.1	23.2	13.5	39.7	45.7	41.3	48.9	47.9	1944
1945	55.7	57.7	116	186	130	146	56.4	24.0	40.8	50.5	88.4	57.8	82.3	1945
1946	75.8	80.5	117	107	67.0	64.7	23.3	16.8	22.4	44.0	89.8	57.4	61.3	1946
1947	74.8	109	102	338	360	189	82.8	43.2	43.4	46.7	52.5	58.4	123	1947
1948	89.1	87.8	87.7	154	121	93.0	36.8	23.0	41.8	31.4	36.8	44.3	87.3	1948
1949	71.7	100	103	238	131	82.1	16.0	26.0	41.1	42.0	36.8	50.0	78.2	1949
1950	83.7	112	88.3	190	110	66.8	35.0	25.1	45.0	54.8	80.1	82.8	78.2	1950
1951	77.0	96.6	110	478	222	89.0	59.7	19.2	41.8	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	53.8	86.3	48.4	---	1952
1953	63.0	62.8	104	131	82.5	61.9	34.1	35.2	68.1	---	---	---	---	1953
MEAN	63.3	68.7	87.7	212	197	99.7	41.4	25.2	38.1	38.8	61.3	55.2	80.5	MEAN

LOCATION - LAT 45 18 15 N, LONG 76 42 30 W — DRAINAGE AREA, 8 000 km^2, REGULATED — DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	438 ON APR 3	14.3 ON AUG 26	3 120 000	1938
1939	---	513 ON MAY 3	16.8 ON SEP 4	2 290 000	1939
1940	---	379 ON JUN 1	16.8 ON AUG 25	---	1940
1941	---	371 ON APR 23	14.8 ON AUG 10	2 180 000	1941
1942	---	320 ON APR 8	1.84 ON AUG 23	2 300 000	1942
1943	---	637 ON MAY 14	7.42 ON OCT 3	3 680 000	1943
1944	---	137 ON MAY 15	7.05 ON DEC 25	1 510 000	1944
1945	---	275 ON APR 5	5.10 ON AUG 25	2 800 000	1945
1946	---	187 ON APR 1	3.20 ON JUN 30	1 940 000	1946
1947	---	580 ON APR 14	5.32 ON SEP 13	3 690 000	1947
1948	---	251 ON MAY 24	2.21 ON SEP 11	2 130 000	1948
1949	---	257 ON APR 8	0.255 ON JUL 10 *	2 370 000	1949
1950	---	303 ON APR 21	2.35 ON SEP 17	2 470 000	1950
1951	---	616 ON APR 30 *	---	---	1951
1952	---	---	---	---	1952
1953	---	343 ON MAR 29	---	---	1953
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 540 000	MEAN

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	33.3	57.2	---	---	1916
1917	---	---	---	293	211	129	76.7	40.0	18.1	---	---	---	---	1917
MEAN	---	---	---	293	211	129	76.7	40.0	18.1	33.3	57.2	---	---	MEAN

LOCATION - LAT 45 24 30 N, LONG 76 23 37 W
DRAINAGE AREA, 8 310 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	323 ON APR 4 *	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02KD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	8.89	8.86	---	1915
1916	10.5	16.5	12.0	62.4	80.6	27.6	14.8	8.77	8.02	7.47	14.4	27.8	22.2	1916
1917	7.42	7.00	11.2	61.6	42.6	25.4	19.4	10.1	5.68	7.85	7.38	---	---	1917
1918	---	---	---	45.3	40.7	19.1	12.3	9.82	15.7	23.8	24.7	26.6	---	1918
1919	24.7	13.6	17.8	42.8	59.3	44.0	10.0	5.83	4.61	7.27	24.3	26.8	23.4	1919
1920	7.81	7.79	16.3	38.7	26.5	15.3	10.2	7.24	7.91	8.25	10.6	13.8	14.0	1920
1921	15.6	13.8	60.0	69.3	32.3	12.8	7.79	5.86	4.16	3.68	3.55	7.54	19.7	1921
1922	6.14	5.40	9.44	98.2	36.9	15.6	8.25	6.88	9.23	8.14	6.34	6.88	18.0	1922
1923	5.92	4.66	5.10	54.6	81.9	28.4	9.58	6.01	6.70	5.65	5.88	14.4	19.1	1923
1924	12.6	9.43	9.13	37.6	71.3	23.5	8.91	7.73	7.71	7.33	5.38	5.31	17.2	1924
1925	4.92	5.31	18.0	50.6	34.2	24.6	13.5	9.96	6.45	5.47	9.34	17.6	16.5	1925
1926	7.87	5.89	7.38	19.7	71.4	29.5	22.8	11.7	8.08	8.28	29.5	34.6	21.5	1926
1927	11.0	9.34	24.1	24.8	34.8	28.7	22.4	19.3	8.98	9.20	19.8	28.6	20.2	1927
1928	17.7	12.7	16.3	105	47.5	20.4	18.6	20.0	17.5	41.6	44.8	27.3	32.4	1928
1929	20.0	16.9	31.2	82.2	78.2	22.8	13.6	6.74	3.24	3.48	3.37	3.14	23.6	1929
1930	5.72	8.55	20.0	35.7	43.4	23.3	11.8	8.42	6.66	4.85	3.38	1.69	14.5	1930
1931	1.63	2.12	2.24	13.1	22.4	9.31	5.27	5.07	4.16	3.92	6.02	11.8	7.28	1931
1932	19.4	20.1	14.5	57.0	33.5	15.9	12.3	8.75	10.0	22.5	39.9	27.4	23.4	1932
1933	24.2	13.9	9.85	63.1	46.5	18.4	12.0	6.37	3.38	2.78	2.70	2.10	17.1	1933
1934	2.69	3.82	5.21	39.1	55.5	18.2	10.1	5.77	4.31	5.12	6.03	14.1	14.2	1934
1935	10.1	8.61	13.2	28.0	30.3	15.9	19.8	15.0	7.23	6.21	6.82	8.01	14.4	1935
1936	8.01	7.65	9.17	48.2	72.3	27.1	10.8	5.25	4.62	7.12	11.1	8.37	18.4	1936
1937	23.6	17.8	14.0	35.0	50.1	19.4	9.32	6.62	4.55	5.12	13.8	15.6	17.8	1937
1938	10.3	9.66	31.4	63.7	55.6	22.4	10.1	5.90	6.78	8.46	6.72	6.81	21.8	1938
1939	7.18	8.96	8.30	34.8	70.5	18.1	8.56	6.29	4.67	3.93	5.83	5.42	16.3	1939
1940	3.59	3.67	3.88	13.6	48.7	34.3	11.2	6.73	7.10	10.3	16.3	15.2	14.6	1940
1941	12.6	8.73	8.20	56.2	26.1	9.93	6.62	3.85	2.83	3.44	12.0	12.7	13.8	1941
1942	13.4	9.83	11.4	61.2	---	---	---	---	---	---	---	---	---	1942
MEAN	11.3	8.72	14.9	50.6	48.8	21.9	12.3	8.34	6.87	8.87	13.0	14.6	18.3	MEAN

LOCATION - LAT 45 30 50 N, LONG 77 58 05 W
DRAINAGE AREA, 1 370 km^2
REGULATED

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02KD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	86.0 ON APR 24	4.90 ON OCT 12	703 000	1916
1917	---	84.4 ON APR 23	---	---	1917
1918	---	89.7 ON APR 3	---	---	1918
1919	---	90.3 ON MAY 28	3.84 ON SEP 21	738 000	1919
1920	---	50.1 ON APR 24	5.41 ON OCT 23	442 000	1920
1921	---	155 ON MAR 26	2.65 ON NOV 14	823 000	1921
1922	---	177 ON APR 17	5.328 ON JAN 26	570 000	1922
1923	---	134 ON APR 30	4.588 ON FEB 1	804 000	1923
1924	---	84.0 ON MAY 6	4.60 ON NOV 18	544 000	1924
1925	---	82.0 ON APR 18	4.568 ON JAN 28	521 000	1925
1926	---	86.3 ON MAY 11	5.888 ON FEB 1	678 000	1926
1927	---	58.3 ON MAR 20	7.79 ON SEP 18	637 000	1927
1928	---	186 ON APR 8 *	11.8 B ON FEB 16	1 020 000	1928
1929	---	127 ON MAY 4	2.97 ON SEP 18	743 000	1929
1930	---	58.0 ON MAY 11	1.898 ON DEC 1	456 000	1930
1931	---	27.2 ON MAY 12	1.638 ON JAN 1 *	230 000	1931
1932	---	77.6 ON APR 14	6.80 ON AUG 29	739 000	1932
1933	---	101 ON APR 21	1.93 ON NOV 22	539 000	1933
1934	---	93.2 ON MAY 5	2.898 ON JAN 1	448 000	1934
1935	---	61.3 ON MAY 4	5.86 ON OCT 7	454 000	1935
1936	---	133 ON MAY 5	4.33 ON SEP 6	583 000	1936
1937	---	71.1 ON APR 29	4.42 ON AUG 28	563 000	1937
1938	---	120 ON MAR 30	4.42 ON SEP 15	880 000	1938
1939	---	106 ON APR 30	3.54 ON SEP 27	484 000	1939
1940	---	70.2 ON MAY 27	3.14 ON JAN 7	460 000	1940
1941	---	108 ON APR 22	2.44 ON SEP 26	428 000	1941
1942	---	83.3 ON APR 18	---	---	1942
				579 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	23.8	27.8	46.4	121	151	89.6	43.5	25.7	24.1	21.2	19.9	17.9	51.1	1930
1931	16.4	16.1	13.5	40.5	97.6	43.0	25.1	14.7	16.4	15.8	15.4	22.7	25.5	1931
1932	76.7	93.5	66.0	157	148	83.8	34.7	27.6	25.4	47.9	105	93.8	78.0	1932
1933	76.7	62.3	45.1	148	180	89.8	33.2	19.3	17.7	19.2	19.9	16.5	58.3	1933
1934	20.1	20.4	22.1	138	182	84.3	34.8	20.6	21.9	20.2	19.8	53.7	50.8	1934
1935	43.1	33.6	51.3	122	102	84.8	86.1	55.6	28.1	20.8	28.7	37.8	56.1	1935
1936	32.0	32.0	50.1	207	270	112	45.3	20.8	16.5	20.0	32.8	27.8	72.2	1936
1937	65.7	74.0	70.1	132	200	88.5	34.7	21.0	24.2	24.7	46.0	52.4	71.1	1937
1938	38.8	44.1	77.2	248	152	94.9	33.4	25.1	27.8	39.0	29.5	29.9	70.0	1938
1939	30.9	35.6	31.7	75.8	237	85.1	25.2	20.6	21.5	27.2	22.6	18.5	51.2	1939
1940	17.2	19.2	19.9	56.3	148	151	42.6	20.0	28.6	27.2	36.7	43.8	50.7	1940
1941	54.0	45.3	34.1	146	114	42.1	33.4	20.5	15.7	20.1	38.6	45.5	50.8	1941
1942	44.9	37.6	47.7	116	123	103	22.6	16.9	16.7	14.3	25.4	53.4	52.8	1942
1943	70.8	71.0	76.4	104	374	104	40.1	26.5	26.4	26.3	57.0	75.7	88.0	1943
1944	70.2	29.3	51.6	40.6	47.8	33.2	17.7	11.5	39.0	46.0	35.8	46.8	38.2	1944
1945	53.5	57.7	75.7	118	95.1	108	44.9	22.8	37.7	37.6	52.0	48.1	62.6	1945
1946	72.8	75.3	87.8	92.2	44.2	54.0	20.8	15.2	24.3	33.0	52.4	41.7	50.9	1946
1947	67.6	91.7	76.9	182	262	144	74.0	35.7	40.7	42.8	52.2	54.0	92.9	1947
1948	55.6	65.2	73.8	131	85.2	87.3	33.5	20.9	47.2	28.0	36.5	37.1	56.5	1948
1949	78.5	102	84.0	133	105	41.5	19.4	29.7	41.4	51.0	33.2	39.6	62.9	1949
1950	69.0	104	82.5	110	88.9	51.3	34.3	23.3	48.4	53.5	55.0	47.3	63.6	1950
1951	70.5	85.3	94.1	263	178	80.0	46.6	22.3	38.0	36.9	82.1	97.6	80.4	1951
1952	83.0	105	102	151	98.1	89.4	25.1	19.5	48.6	53.6	57.5	40.9	71.7	1952
1953	70.1	55.2	74.9	95.0	81.1	38.9	28.1	36.5	68.9	41.2	33.9	34.6	53.1	1953
1954	41.2	44.2	98.1	165	90.4	74.2	29.3	26.8	37.7	85.4	75.7	90.5	70.1	1954
1955	84.0	87.1	88.3	184	82.1	38.5	20.1	18.3	10.4	16.3	47.6	84.6	59.8	1955
1956	81.6	82.3	46.2	86.1	128	87.6	48.2	29.1	52.6	55.5	68.2	69.0	69.3	1956
1957	83.4	53.5	80.4	81.6	41.1	30.0	73.6	27.4	32.2	51.7	84.0	108	55.7	1957
1958	118	112	86.5	121	86.2	37.9	42.6	36.6	33.6	39.5	45.2	52.9	66.0	1958
1959	88.0	88.4	41.2	118	142	80.3	17.6	16.9	34.7	80.5	76.4	84.3	63.6	1959
1960	93.4	99.3	101	187	207	98.0	40.0	18.9	25.1	47.3	55.3	46.5	82.6	1960
1961	40.4	38.0	24.1	44.5	71.2	41.6	43.0	54.0	36.1	37.3	45.6	44.5	43.7	1961
1962	52.3	57.2	42.1	71.1	80.5	26.7	24.0	26.6	26.4	21.4	31.2	46.9	40.5	1962
1963	80.2	73.5	55.3	82.6	86.6	60.2	37.6	19.6	26.6	34.3	26.2	51.4	49.5	1963
1964	78.3	86.4	61.7	73.8	89.9	22.7	10.5	15.0	25.2	15.6	15.6	25.9	40.7	1964
1965	49.2	44.8	56.1	74.6	143	45.9	24.9	23.6	20.5	65.5	106	124	65.1	1965
1966	131	84.2	119	103	141	105	35.3	24.7	26.9	28.7	35.8	143	81.2	1966
1967	117	89.5	92.2	127	92.6	128	123	36.3	60.9	108	172	123	108	1967
1968	136	95.0	79.9	100	32.2	45.7	46.4	24.6	29.3	36.6	32.2	65.6	60.0	1968
1969	70.7	87.6	45.6	135	209	97.6	68.5	36.5	29.8	35.0	44.6	68.7	78.9	1969
1970	73.8	84.2	38.9	82.0	145	73.8	53.1	51.1	35.5	34.1	51.6	62.5	64.6	1970
1971	91.8	87.7	63.5	153	141	56.6	27.5	26.7	50.9	42.1	36.1	32.8	65.8	1971
1972	46.2	53.5	67.9	105	241	125	89.3	54.3	60.7	57.8	117	116	86.4	1972
1973	103	95.5	168	259	141	109	47.1	53.0	28.1	41.0	64.4	62.4	87.4	1973
1974	93.8	120	137	186	273	88.3	31.2	40.8	44.3	34.7	47.5	105	100	1974
1975	104	86.4	69.2	133	109	39.8	27.0	18.8	31.5	32.3	46.5	78.7	64.7	1975
1976	95.2	82.6	122	273	121	56.9	49.1	26.8	27.9	26.3	35.2	63.6	78.6	1976
1977	72.7	66.9	74.4	84.8	39.7	23.4	17.8	17.9	19.2	34.8	71.3	121	53.6	1977
1978	103	107	60.7	147	190	63.3	23.4	19.9	30.3	52.7	57.7	70.6	76.8	1978
1979	73.0	86.3	108	228	182	75.2	22.3	21.8	16.3	54.9	72.2	130	88.2	1979
1980	117	89.3	80.2	182	93.7	82.4	68.3	75.6	27.2	58.6	94.8	97.9	89.8	1980
1981	92.3	126	216	116	118	60.6	31.6	33.9	118	75.3	88.1	82.7	97.2	1981
1982	98.1	81.1	52.1	171	106	84.1	38.2	16.4	19.1	25.0	68.3	155	76.8	1982
1983	147	131	81.4	115	284	90.1	22.4	16.3	16.2	23.6	51.0	78.8	87.9	1983
1984	110	121	118	234	182	83.6	40.1	26.0	21.7	19.8	55.7	71.6	85.7	1984
1985	147	117	128	228	146	52.0	27.8	18.3	24.7	34.3	75.0	77.3	89.6	1985
1986	95.0	84.4	76.1	133	77.5	78.2	37.6	40.6	45.0	94.2	45.8	50.0	71.3	1986
1987	128	85.0	64.2	156	44.4	44.1	22.7	14.2	10.8	18.6	30.5	78.5	57.7	1987
1988	131	113	57.6	154	142	29.8	14.8	10.4	10.7	18.1	63.7	56.3	66.6	1988
MEAN	77.0	73.7	73.4	135	133	69.7	36.6	27.4	32.2	36.6	52.6	66.1	68.0	MEAN

LOCATION - LAT 45 18 35 N DRAINAGE AREA, 5 800 km²
LONG 77 30 50 W REGULATED

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	188 ON APR 23	13.5 ON DEC 31	1 810 000	1930
1931	---	72.8 ON MAY 14	8.77 ON AUG 8	803 000	1931
1932	---	217 ON APR 25	21.2 ON SEP 6	2 470 000	1932
1933	---	214 ON MAY 8	17.4 ON AUG 18	1 840 000	1933
1934	---	248 ON APR 25	15.6 ON NOV 3	1 800 000	1934
1935	---	127 ON APR 18	17.4 ON SEP 28	1 830 000	1935
1936	---	389 ON MAY 10	15.8 ON SEP 19	2 280 000	1936
1937	---	251 ON MAY 11	18.0 ON AUG 6	2 240 000	1937
1938	---	283 ON APR 3	15.8 ON JUL 20	2 210 000	1938
1939	---	314 ON MAY 4	17.4 ON DEC 31	1 810 000	1939
1940	---	262 ON JUN 2	15.8 ON JAN 9	1 810 000	1940
1941	---	273 ON APR 26	13.7 ON OCT 1	1 800 000	1941
1942	---	178 ON MAY 28	10.4 ON OCT 29	1 670 000	1942
1943	---	493 ON MAY 13 *	17.0 ON AUG 19	2 770 000	1943
1944	---	131 ON JAN 3	11.1 ON AUG 8	1 240 000	1944
1945	---	143 ON APR 5	15.0 ON AUG 14	1 980 000	1945
1946	---	138 ON MAR 28	13.8 ON AUG 27	1 800 000	1946
1947	---	394 ON MAY 7	15.8 ON AUG 12	2 830 000	1947
1948	---	183 ON MAY 27	14.7 ON OCT 15	1 850 000	1948
1949	---	172 ON APR 30	13.5 ON AUG 11	1 990 000	1949
1950	---	144 ON APR 30	15.8 ON AUG 15	2 010 000	1950
1951	---	402 ON APR 19	20.4 ON AUG 26	2 850 000	1951
1952	---	189 ON APR 15	7.93 ON AUG 1	2 270 000	1952
1953	---	144 ON APR 1	8.21 ON AUG 2	1 680 000	1953
1954	---	182 ON APR 20	15.6 ON AUG 26	2 210 000	1954
1955	---	242 ON APR 21	5.30 ON SEP 14	1 890 000	1955
1956	---	142 ON MAY 17	16.1 ON AUG 17	2 180 000	1956
1957	---	133 ON DEC 24	17.6 ON AUG 23	1 780 000	1957
1958	---	155 ON APR 24	25.9 ON JUN 16	2 080 000	1958
1959	---	245 ON MAY 8	7.06 ON AUG 3	2 010 000	1959
1960	---	323 ON MAY 1	9.80 ON AUG 8	2 810 000	1960
1961	---	109 ON MAY 2	13.8 ON APR 12	1 380 000	1961
1962	---	86.8 ON APR 17	16.1 ON SEP 26	1 280 000	1962
1963	---	135 ON APR 6	15.8 ON AUG 8	1 560 000	1963
1964	---	126 ON APR 24	6.85 ON AUG 4	1 290 000	1964
1965	---	207 ON MAY 18	8.76 ON SEP 28	2 050 000	1965
1966	---	208 ON DEC 12	21.2 ON NOV 5	2 580 000	1966
1967	---	258 ON OCT 27	1.64 ON MAR 7 *	3 330 000	1967
1968	---	150 ON JAN 6	15.7 ON MAY 11	1 800 000	1968
1969	---	314 ON MAY 21	19.8 ON OCT 23	2 380 000	1969
1970	---	191 ON MAY 2	18.1 ON OCT 9	2 040 000	1970
1971	---	314 ON APR 27	15.8 ON AUG 8	2 070 000	1971
1972	---	343 ON MAY 12	21.1 ON JAN 2	3 050 000	1972
1973	380 AT 18:32 EST ON APR 5	357 ON APR 5	15.8 ON JUL 23	3 070 000	1973
1974	374 AT 20:03 EST ON MAY 18	371 ON MAY 17	20.1 ON OCT 30	3 180 000	1974
1975	272 AT 21:50 EST ON APR 28	270 ON APR 30	14.0 ON OCT 5	2 040 000	1975
1976	371 AT 18:22 EST ON APR 2	362 ON APR 2	13.8 ON SEP 9	2 520 000	1976
1977	131 AT 02:35 EST ON DEC 10	130 ON DEC 10	17.3 ON AUG 30	1 880 000	1977
1978	288 AT 18:11 EST ON APR 27	283 ON APR 27	17.8 ON AUG 13	2 430 000	1978
1979	284 AT 02:38 EST ON APR 3	283 ON APR 3	14.0 ON SEP 5	2 780 000	1979
1980	258 AT 20:25 EST ON APR 19	255 ON APR 20	17.4 ON SEP 1	2 840 000	1980
1981	320 AT 20:52 EST ON MAR 10	314 ON MAR 10	19.3 ON JUL 18	3 070 000	1981
1982	285 AT 11:02 EST ON MAY 1	285 ON MAY 1	14.7 ON AUG 17	2 430 000	1982
1983	449 AT 07:39 EST ON MAY 12 *	448 ON MAY 12	13.5 ON AUG 21	2 770 000	1983
1984	314 AT 18:12 EST ON APR 23	313 ON APR 23	14.7 ON SEP 1	2 710 000	1984
1985	348 AT 16:10 EST ON APR 30	345 ON APR 30	14.7 ON JUL 27	2 820 000	1985
1986	253 AT 18:33 EST ON APR 4	247 ON APR 5	21.2 ON AUG 19	2 250 000	1986
1987	278 AT 04:25 EST ON APR 8	274 ON APR 8	8.85 ON SEP 28	1 820 000	1987
1988	---	242 ON APR 8	8.03A ON JUL 17	2 100 000	1988
				2 180 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	116	113	246	145	53.6	16.9	38.2	42.5	45.1	38.3	53.1	---	1948
1950	87.4	116	104	201	128	69.5	36.3	27.7	46.2	53.6	60.0	61.3	82.2	1950
1951	78.8	97.9	118	436	236	72.3	61.0	19.1	38.4	45.4	85.3	118	117	1951
1952	108	115	121	261	135	82.1	30.3	26.4	45.9	52.5	58.4	52.0	90.1	1952
1953	85.8	84.7	117	147	105	55.0	33.7	35.3	57.7	38.6	36.6	42.0	67.3	1953
1954	46.1	53.7	128	284	143	99.2	35.2	30.7	36.1	97.3	98.7	116	95.9	1954
1955	107	101	97.9	327	118	51.6	18.3	18.4	10.4	20.6	77.1	76.0	84.7	1955
1956	89.8	88.8	57.5	184	218	122	66.3	34.8	57.3	63.0	72.8	71.7	81.7	1956
1957	73.4	63.7	72.9	94.2	66.9	43.2	66.3	31.2	30.8	55.0	73.9	123	67.9	1957
1958	123	114	114	188	89.7	46.5	60.9	36.2	40.6	45.2	49.8	62.6	80.9	1958
1959	76.8	71.8	80.9	182	172	59.9	22.9	12.4	36.6	61.2	93.7	105	79.5	1959
1960	103	114	118	335	258	74.8	41.4	16.7	25.2	41.3	56.1	50.5	102	1960
1961	38.8	35.2	35.5	76.0	113	61.4	60.7	55.2	40.8	36.9	46.5	51.0	53.8	1961
1962	66.8	80.2	82.0	120	84.1	36.5	23.8	29.6	24.6	24.3	51.8	67.9	53.2	1962
1963	68.3	78.6	66.6	149	110	71.9	36.2	19.9	30.8	36.7	38.1	66.7	64.4	1963
1964	80.7	95.2	93.2	118	66.6	31.4	9.70	12.4	22.6	13.3	14.3	30.0	51.3	1964
1965	50.6	48.3	88.7	124	191	51.0	27.3	24.1	25.3	83.7	124	149	79.2	1965
1966	148	107	152	166	174	132	37.5	29.7	27.5	29.5	32.8	166	89.4	1966
1967	127	89.3	36.1	174	103	165	165	44.5	71.9	164	221	148	127	1967
1968	167	126	129	133	53.0	52.7	57.5	29.8	35.6	36.5	41.5	72.4	76.6	1968
1969	76.7	85.5	92.0	218	306	130	65.8	37.8	27.7	36.1	45.5	70.8	101	1969
1970	73.2	80.8	76.4	121	186	82.5	72.2	55.0	30.0	34.4	53.7	77.3	77.1	1970
1971	97.1	86.5	100	218	193	71.8	20.0	28.6	62.2	46.0	38.8	51.9	84.3	1971
1972	85.3	72.2	107	189	317	151	118	68.0	56.8	59.4	150	141	123	1972
1973	124	117	284	330	181	110	47.0	52.0	22.5	45.4	83.8	76.1	120	1973
1974	89.1	128	188	287	328	104	34.8	36.1	40.0	40.9	86.5	116	120	1974
1975	118	82.5	122	206	128	57.1	28.0	17.8	26.5	34.2	45.8	86.9	80.1	1975
1976	97.5	80.2	185	384	183	68.4	60.5	26.9	34.5	40.9	47.6	71.5	103	1976
1977	78.4	78.4	151	108	49.0	26.2	18.5	15.5	15.4	50.1	76.9	145	67.8	1977
1978	120	119	106	235	242	63.4	26.4	17.6	26.7	49.4	61.1	87.6	94.2	1978
1979	75.9	95.9	167	292	183	86.6	21.1	18.8	14.4	57.8	81.4	148	103	1979
1980	124	104	132	205	126	82.5	72.9	71.8	23.3	80.8	102	105	102	1980
1981	82.2	176	284	113	127	70.4	33.3	34.2	138	91.4	109	104	115	1981
1982	102	91.1	82.8	239	115	102	37.4	13.6	16.6	24.4	76.4	175	89.5	1982
1983	158	150	114	165	346	86.8	20.2	15.5	13.4	21.8	61.1	88.5	104	1983
1984	108	142	178	329	187	68.5	39.2	26.3	17.6	16.5	54.1	89.9	102	1984
1985	139	129	183	272	173	59.2	28.9	13.2	22.2	36.1	73.0	78.9	100	1985
1986	86.6	97.6	122	152	82.0	92.8	42.7	49.8	55.5	108	55.6	59.4	84.9	1986
1987	123	88.4	115	224	43.1	58.2	25.3	11.5	5.73	15.8	34.9	97.0	70.7	1987
1988	130	134	99.8	178	184	33.9	14.1	10.1	8.70	20.4	86.5	59.8	78.1	1988
MEAN	97.2	97.6	118	208	180	76.4	43.9	29.8	35.5	47.8	68.4	89.2	89.3	MEAN

LOCATION - LAT 45 24 25 N
LONG 76 30 28 W

DRAINAGE AREA, 8 180 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF NATURAL RESOURCES

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	382 ON APR 6	1.13 ON JUL 10	---	1949
1950	---	267 ON APR 22	3.14 ON SEP 17	2 590 000	1950
1951	---	544 ON APR 20	0.566 ON OCT 8	3 700 000	1951
1952	---	352 ON APR 13	0.283 ON JUL 27	2 850 000	1952
1953	---	326 ON MAR 28	0.283 ON FEB 22	2 120 000	1953
1954	---	394 ON APR 19	0.283 ON AUG 1	3 020 000	1954
1955	---	450 ON APR 17	0 ON JUL 1 *	2 870 000	1955
1956	---	300 ON APR 30	0 ON MAR 18	2 900 000	1956
1957	---	205 ON DEC 23	0 ON APR 19	2 140 000	1957
1958	---	314 ON APR 19	0 ON JUN 8	2 550 000	1958
1959	---	311 ON APR 18	0 ON MAR 1	2 510 000	1959
1960	---	585 ON APR 20 *	0 ON JUL 1	3 240 000	1960
1961	---	173 ON MAY 10	0 ON JAN 1	1 700 000	1961
1962	---	157 ON APR 18	0 ON JAN 1	1 680 000	1962
1963	---	267 ON APR 4	0 ON JUN 23	2 030 000	1963
1964	---	184 ON APR 25	0 ON MAY 31	1 820 000	1964
1965	---	254 ON MAY 15	0 ON JAN 1	2 500 000	1965
1966	---	256 ON DEC 13	0 ON FEB 20	3 130 000	1966
1967	---	367 ON JUL 4	0 ON MAR 19	3 990 000	1967
1968	---	213 ON APR 18	0 ON JUN 8	2 430 000	1968
1969	---	527 ON MAY 21	0 ON JAN 19	3 190 000	1969
1970	---	294 ON MAY 1	0 ON JAN 1	2 430 000	1970
1971	---	453 ON MAY 2	0 ON JAN 31	2 880 000	1971
1972	---	442 ON MAY 20	0 ON JAN 1	3 900 000	1972
1973	---	453 ON APR 7	0 ON JUL 15	3 780 000	1973
1974	---	459 ON MAY 17	0 ON JUL 20	3 780 000	1974
1975	---	450 ON APR 23	0 ON MAY 31	2 530 000	1975
1976	---	482 ON APR 11	0 ON JUN 12	3 280 000	1976
1977	---	357 ON MAR 15	0 ON MAY 26	2 140 000	1977
1978	---	462 ON APR 25	0 ON JUL 28	2 870 000	1978
1979	---	446 ON APR 4	0 ON SEP 15	3 250 000	1979
1980	---	275 ON APR 28	0 ON MAY 25	3 210 000	1980
1981	---	485 ON FEB 25	0 ON AUG 30	3 620 000	1981
1982	---	395 ON APR 28	0 ON AUG 14	2 820 000	1982
1983	---	530 ON MAY 10	0 ON MAR 15	3 280 000	1983
1984	---	444 ON APR 21	0 ON JUN 15	3 240 000	1984
1985	---	441 ON APR 18	0 ON JUL 26	3 180 000	1985
1986	---	387 ON APR 2	0 ON MAY 17	2 880 000	1986
1987	---	444 ON APR 7	0 ON JUL 28	2 230 000	1987
1988	---	401 ON APR 7	0 ON JUL 10	2 470 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 820 000	MEAN

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	41.4	34.4	18.4	8.78	2.57	2.32	8.44	8.98	11.3	---	1942
1943	8.57	8.58	9.07	21.3	90.2	17.8	8.78	3.89	5.02	4.89	11.1	12.5	18.8	1943
1944	8.01	3.87	3.14	8.85	28.1	8.83	8.74	4.51	1.98	12.4	9.02	8.58	8.28	1944
1945	5.85	4.41	18.0	33.8	23.2	20.5	8.84	3.51	3.50	10.8	17.1	10.4	13.3	1945
1946	8.87	7.85	19.1	21.4	14.8	10.5	2.91	2.07	1.88	4.72	10.9	13.1	8.76	1946
1947	10.3	8.36	8.80	81.1	70.8	27.8	11.2	8.58	3.58	3.81	10.1	11.6	18.4	1947
1948	8.88	8.05	12.8	47.9	24.2	12.8	8.24	2.58	3.32	8.82	13.4	17.3	13.2	1948
1949	9.88	10.0	8.94	52.8	24.1	7.72	8.04	2.40	1.34	3.88	1.30	7.83	11.3	1949
1950	24.0	18.8	8.71	37.3	23.3	10.4	8.08	8.84	3.87	4.87	12.0	12.8	13.8	1950
1951	8.78	7.82	8.81	88.8	35.2	8.48	7.83	3.48	8.81	8.31	22.8	20.8	18.4	1951
1952	11.1	8.21	8.58	58.8	21.7	11.4	8.38	3.82	7.84	8.45	3.80	7.27	12.4	1952
1953	7.37	7.28	23.1	28.4	17.1	8.04	3.83	3.42	8.30	8.78	2.31	4.80	10.1	1953
1954	8.81	7.88	18.7	43.8	18.8	8.18	8.10	3.72	10.0	23.7	14.1	18.2	18.3	1954
1955	11.0	8.50	8.33	84.8	13.0	8.88	2.74	1.43	1.18	2.73	13.7	8.89	10.8	1955
1956	8.87	4.34	8.34	22.8	37.8	22.0	11.8	8.89	12.7	13.4	8.88	14.1	14.0	1956
1957	8.88	8.82	8.88	---	---	---	---	---	---	---	---	---	---	1957
MEAN	8.28	7.37	11.3	40.8	31.8	13.8	8.31	3.87	4.88	8.08	10.8	11.8	13.3	MEAN

LOCATION - LAT 45 29 48 N DRAINAGE AREA, 1 010 km^2
LONG 78 14 00 W REGULATED

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	80.3 ON APR 19	---	---	1942
1943	---	148 ON MAY 8	3.17 ON AUG 20	522 000	1943
1944	---	34.8 ON MAY 9	1.47 ON SEP 17	262 000	1944
1945	---	80.9 ON MAR 31	2.35 ON JUL 28	420 000	1945
1946	---	33.4 ON MAR 29	1.36 ON OCT 3	308 000	1946
1947	---	174 ON MAY 2 *	1.57 ON OCT 27	582 000	1947
1948	---	82.9 ON APR 12	1.72 ON AUG 8	416 000	1948
1949	---	89.1 ON APR 17	0.851 ON NOV 3	357 000	1949
1950	---	53.5 ON APR 25	3.03 ON AUG 26	430 000	1950
1951	---	140 ON APR 18	0.028 ON JUN 26 *	579 000	1951
1952	---	143 ON APR 23	1.22 ON MAY 7	394 000	1952
1953	---	78.7 ON MAR 31	2.21 ON NOV 8	319 000	1953
1954	---	91.7 ON APR 30	2.72 ON JUL 20	481 000	1954
1955	---	114 ON APR 30	0.851 ON OCT 16	342 000	1955
1956	---	53.2 ON MAY 17	2.32 ON AUG 7	443 000	1956
1957	---	12.4 ON FEB 27	7.45 ON FEB 19	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		418 000	MEAN

MADAWASKA RIVER NEAR ARNPRIOR - STATION NO. 02KE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	334	247	114	38.4	27.0	34.6	38.8	34.2	35.8	---	1922
1924	---	---	---	---	322	161	60.9	40.6	24.3	34.6	24.7	25.1	---	1924
1925	16.8	30.4	84.4	261	165	128	81.4	45.5	35.7	36.1	74.6	82.4	85.8	1925
1926	55.2	38.2	34.0	89.4	316	168	117	67.9	45.3	46.1	102	110	100	1926
1927	84.6	47.3	117	186	161	155	116	100	52.0	49.3	98.5	151	107	1927
1928	85.2	80.0	70.9	435	285	119	86.4	76.6	60.8	123	184	159	148	1928
1929	109	72.6	151	488	377	130	59.6	36.9	21.9	20.6	22.6	20.7	126	1929
1930	23.2	32.0	87.7	178	206	119	58.6	29.9	28.6	27.4	25.2	20.2	68.1	1930
1931	14.9	15.0	13.5	86.4	96.6	61.9	32.6	19.6	17.4	19.2	22.6	47.0	37.3	1931
1932	112	122	84.3	263	212	86.4	46.0	35.1	28.4	54.7	114	113	106	1932
1933	98.3	87.4	82.7	310	200	88.9	43.4	22.6	20.0	32.9	23.3	21.6	85.8	1933
1934	22.9	23.6	32.8	262	243	71.3	41.8	22.7	25.0	27.3	30.9	73.6	73.2	1934
1935	58.4	48.7	84.8	201	152	113	102	63.1	33.5	23.9	36.3	60.4	81 3	1935
1936	39.2	36.2	104	358	344	151	58.4	23.7	20.7	25.4	44.6	36.0	103	1936
1937	102	83.2	88.2	211	289	117	46.6	23.0	24.6	29.6	89.6	76.2	86.0	1937
1938	58.8	63.4	144	367	224	129	46.2	34.2	34.1	48.4	37.9	36.1	102	1938
1939	37.4	38.4	40.2	136	321	81.0	31.4	25.0	21.7	36.2	31.2	23.8	70.0	1939
1940	21.8	22.7	26.2	138	238	208	55.0	24.0	26.8	31.1	42.2	63.8	73.7	1940
1941	86.6	55.6	45.0	211	182	49.2	43.6	22.3	17.0	25.3	57.6	58.3	67.9	1941
1942	63.4	52.4	86.0	223	173	140	26.2	9.83	17.3	22.6	51.3	61.3	78.6	1942
1943	78.4	81.3	83.2	203	517	148	51.6	33.2	30.7	27.6	75.8	85.6	118	1943
1944	73.1	34.6	87.8	78.1	112	60.8	22.8	12.0	38.7	45.4	41.1	49.8	51.5	1944
1945	58.1	58.0	131	204	180	188	84.6	25.4	42.8	53.9	71.8	61.2	81.2	1945
1946	78.2	82.7	135	148	88.6	86.0	30.8	27.0	31.1	52.4	72.8	85.5	74.7	1946
1947	76.7	112	101	312	345	204	92.0	43.1	42.3	47.7	85.6	88.7	124	1947
1948	80.8	89.1	108	208	134	120	41.3	22.8	30.0	32.0	38.8	46.2	76.5	1948
1949	82.3	120	112	248	151	83.7	17.1	28.7	43.8	46.8	40.6	56.2	82.7	1949
1950	91.8	128	123	218	141	72.4	---	---	---	---	---	---	---	1950
MEAN	63.5	62.5	88.2	238	228	118	56.1	34.9	31.5	36.8	58.5	63.4	89.3	MEAN

LOCATION - LAT 45 24 23 N DRAINAGE AREA, 8 280 km^2
LONG 76 28 40 W REGULATED

MADAWASKA RIVER NEAR ARNPRIOR - STATION NO. 02KE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	515 ON APR 21	---	---	1923
1924	---	380 ON APR 25	---	---	1924
1925	---	328 ON APR 5	14.6 B ON JAN 18	2 710 000	1925
1926	---	388 ON MAY 5	27.8 ON APR 9	3 170 000	1926
1927	---	234 ON MAR 21	37.8 ON OCT 6	3 380 000	1927
1928	---	809 ON APR 14	48.8 ON SEP 9	4 690 000	1928
1929	---	575 ON APR 15	16.4 ON OCT 21	3 880 000	1929
1930	---	273 ON APR 28	18.4 ON OCT 27	2 150 000	1930
1931	---	138 ON APR 13	13.5 B ON MAR 1	1 180 000	1931
1932	382 AT 15:00 EST ON APR 24	387 ON APR 24	20.0 ON SEP 18	3 370 000	1932
1933	447 AT 01:00 EST ON APR 21	447 ON APR 21	18.4 ON OCT 9	2 700 000	1933
1934	418 AT 23:30 EST ON APR 21	411 ON APR 21	17.3 ON SEP 2	3 310 000	1934
1935	244 AT 20:00 EST ON APR 17	236 ON APR 18	18.3 ON OCT 20	2 880 000	1935
1936	430 AT 18:00 EST ON MAY 11	428 ON MAY 9	10.4 ON OCT 12	3 270 000	1936
1937	382 AT 19:20 EST ON MAY 8	380 ON MAY 9	11.8 ON AUG 8	3 080 000	1937
1938	418 AT 22:00 EST ON APR 3	419 ON APR 3	17.8 ON NOV 28	3 210 000	1938
1939	430 AT 13:00 EST ON MAY 2	428 ON MAY 2	11.8 ON SEP 18	2 210 000	1939
1940	385 AT 23:00 EST ON MAY 31	380 ON JUN 1	12.5 ON SEP 2	2 330 000	1940
1941	343 AT 20:00 EST ON APR 23	337 ON APR 23	11.3 ON AUG 4	2 140 000	1941
1942	308 AT 18:00 EST ON APR 7	303 ON APR 8	2.85 ON SEP 8	2 810 000	1942
1943	628 AT 09:00 EST ON MAY 14 *	623 ON MAY 14 *	9.85 ON OCT 11	3 780 000	1943
1944	207 AT 01:00 EST ON MAY 15	183 ON MAY 15	8.81 ON JUL 30	1 830 000	1944
1945	306 AT 04:00 EST ON MAR 28	297 ON APR 3	10.5 ON SEP 23	2 880 000	1945
1946	238 AT 07:00 EST ON APR 1	234 ON APR 1	12.5 ON JUL 28	2 380 000	1946
1947	476 AT 22:00 EST ON MAY 6	476 ON MAY 6	8.04 ON SEP 14	3 820 000	1947
1948	289 AT 14:00 EST ON MAY 24	268 ON MAY 24	0.453 ON SEP 13 *	2 380 000	1948
1949	---	248E ON APR 1	1.25 ON JUL 10	2 810 000	1949
1950	---	309 ON APR 22	---	---	1950
				2 820 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADTER DRAIN AT CONCESSION #7 (KETTLE TEST) - STATION NO. 02GC033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	0.005	0	0.038	0.095	0.029	---	1988
MEAN	---	---	---	---	---	---	---	0.005	0	0.038	0.095	0.029	---	MEAN

LOCATION - LAT 42 52 53 N DRAINAGE AREA, 4.00 km^2
LONG 81 09 21 W NATURAL FLOW

REMARKS - STATION ACTIVATED JULY, 1988

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	5.97	24.2	32.8	18.1	---	1945
1946	32.3	19.2	73.7	61.5	30.1	15.8	3.87	3.88	3.63	9.02	13.2	28.3	23.8	1946
1947	22.8	19.0	13.7	122	95.0	44.3	23.6	14.0	13.8	18.4	15.8	32.0	36.4	1947
1948	25.2	12.8	44.1	98.4	48.2	16.3	9.02	6.87	6.30	13.7	43.8	24.8	26.3	1948
1949	25.7	26.9	32.6	113	42.4	18.8	11.4	7.82	8.98	12.8	8.27	36.3	28.2	1949
1950	53.8	28.2	28.7	68.1	25.7	17.2	8.15	7.24	11.4	11.2	17.8	31.8	25.8	1950
1951	23.3	23.3	27.3	152	47.7	14.3	12.4	5.88	7.07	26.5	86.4	44.[illegible]	36.8	1951
1952	23.7	26.4	27.8	97.4	37.8	16.4	10.8	11.5	16.0	10.9	18.4	40.[illegible]	27.8	1952
1953	23.1	16.9	56.0	70.8	30.8	16.5	8.82	4.78	8.11	11.1	14.6	27.2	24.1	1953
1954	18.7	23.6	44.0	94.2	49.3	47.2	18.3	8.88	17.1	63.3	34.3	33.1	37.6	1954
1955	15.0	19.0	34.3	87.8	38.7	11.2	4.07	3.07	3.10	13.0	37.0	19.3	23.7	1955
1956	9.17	7.88	12.3	62.6	80.4	25.1	14.6	8.48	28.0	19.9	19.3	27.3	24.8	1956
1957	18.3	21.1	31.2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	23.4	20.5	38.8	83.5	46.1	22.3	11.0	7.61	10.8	19.6	25.7	29.5	28.7	MEAN

LOCATION - LAT 45 42 26 N DRAINAGE AREA, 1 850 km^2
LONG 79 52 38 W REGULATED

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	127 ON MAR 23	2.41 ON JUL 4	750 000	1946
1947	---	198 ON APR 15 *	4.56 ON NOV 9	1 120 000	1947
1948	---	124 ON APR 8	4.84 ON SEP 22	894 000	1948
1949	---	138 ON APR 8	1.73 ON NOV 8 *	891 000	1949
1950	---	88.9 ON MAR 30	4.36 ON NOV 5	813 000	1950
1951	---	162 ON APR 11	4.19 ON AUG 19	1 180 000	1951
1952	---	136 ON APR 20	5.58 ON JUN 22	880 000	1952
1953	---	120 ON MAR 28	4.02 ON SEP 9	761 000	1953
1954	---	136 ON APR 17	7.70 ON AUG 20	1 180 000	1954
1955	---	148 ON APR 18	1.73 ON OCT 7	747 000	1955
1956	---	89.8 ON APR 16	3.37 ON AUG 18	778 000	1956
1957	---	39.8 ON MAR 31	14.9 ON FEB 22	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		907 000	MEAN

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	9.09	28.4	38.6	82.2	---	1973
1974	39.0	42.6	---	150	105	40.4	17.6	---	---	---	73.6	44.6	---	1974
1975	38.3	30.7	41.4	97.1	123	16.7	6.87	3.79	16.6	28.2	43.0	87.6	44.8	1975
1976	36.7	28.1	82.2	195	58.2	21.6	19.2	8.45	5.32	9.76	14.0	30.4	43.0	1976
1977	17.6	15.6	95.6	153	32.5	8.05	10.1	5.02	16.4	82.1	85.3	83.3	48.9	1977
1978	34.3	23.4	23.1	88.3	103	25.4	9.32	8.05	21.6	44.6	36.6	42.2	38.7	1978
1979	30.6	26.3	88.7	167	78.6	27.3	9.82	17.3	12.7	27.4	87.1	70.3	52.9	1979
1980	48.2	22.5	35.8	165	48.1	37.9	34.4	25.4	27.5	48.6	84.4	46.5	50.2	1980
1981	24.7	48.4	85.5	125	84.6	36.4	23.0	15.6	58.3	89.8	42.4	41.8	53.1	1981
1982	28.7	20.4	34.4	147	66.7	17.6	12.2	4.70	17.7	44.4	80.7	88.8	45.3	1982
1983	78.6	34.5	80.2	76.6	110	62.6	10.2	4.17	5.95	27.8	37.7	85.7	46.3	1983
1984	26.2	59.5	58.7	127	67.1	62.3	35.1	15.6	13.6	17.5	78.7	54.2	50.2	1984
1985	56.6	31.5	63.0	169	101	23.7	27.1	24.7	32.3	34.7	84.1	60.8	57.7	1985
1986	34.0	26.4	51.9	155	82.1	44.3	10.3	10.5	6.66	32.6	27.8	34.7	42.2	1986
1987	22.1	18.5	32.5	112	21.5	20.4	6.34	3.84	3.48	7.10	28.8	48.7	27.2	1987
1988	28.8	50.3	34.3	155	58.6	13.8	3.20	2.27	7.99	34.9	75.0	46.9	43.0	1988
MEAN	36.5	31.9	67.7	140	72.0	30.2	15.7	10.5	17.9	35.7	52.7	55.0	46.0	MEAN

LOCATION - LAT 45 46 20 N DRAINAGE AREA, 2 850 km^2
LONG 80 28 45 W REGULATED

REMARKS - DURING HIGH WATER FLOW MAY SPILL INTO THE HARRIS RIVER BASIN

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	248 AT 19:30 EST ON APR 19	248 ON APR 19	---	---	1974
1975	255 AT 17:00 EST ON MAY 2	255 ON APR 30	3.09 ON AUG 22	1 410 000	1975
1976	331 AT 10:56 EST ON APR 4 *	328 ON APR 4 *	4.93 ON SEP 7	1 380 000	1976
1977	227 AT 19:29 EST ON APR 4	226 ON APR 5	4.25 ON AUG 18	1 540 000	1977
1978	182 AT 13:20 EST ON APR 30	182 ON APR 28	6.12 ON AUG 15	1 220 000	1978
1979	---	266RE ON APR 8	6.09 ON JUL 25	1 670 000	1979
1980	240 AT 21:02 EST ON APR 15	238 ON APR 16	16.4 ON MAR 9	1 590 000	1980
1981	195 AT 15:18 EST ON APR 11	194 ON APR 11	9.40E ON JUL 25	1 860 000	1981
1982	240 AT 18:10 EST ON APR 22	239 ON APR 22	3.89 ON AUG 31	1 430 000	1982
1983	172 AT 17:01 EST ON MAY 12	171 ON MAY 12	3.85 ON AUG 15	1 460 000	1983
1984	160 AT 13:51 EST ON APR 20	159 ON APR 20	8.13 ON SEP 7	1 590 000	1984
1985	274 AT 17:09 EST ON APR 25	273 ON APR 25	16.6 ON SEP 26	1 820 000	1985
1986	249 AT 00:42 EST ON APR 7	247 ON APR 7	5.00E ON JUL 27	1 330 000	1986
1987	171 AT 00:11 EST ON APR 4	170 ON APR 4	3.17 ON SEP 5	859 000	1987
1988	---	280 ON APR 10	1.85 ON AUG 4 *	1 360 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 450 000	MEAN
	E - ESTIMATED	R - REVISED SINCE JAN 01 1987			

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.84	5.21	8.84	8.80	9.88	---	1915
1916	10.8	15.7	9.89	38.1	33.3	21.3	10.3	4.21	4.85	8.84	18.9	20.8	16.4	1916
1917	10.0	7.89	7.53	32.3	25.8	14.0	16.8	9.56	5.74	3.09	5.16	8.07	11.8	1917
1918	4.87	3.31	7.12	31.1	22.2	11.9	5.41	6.27	4.56	11.8	14.2	11.5	11.2	1918
1919	10.5	8.25	10.7	29.4	22.7	13.1	4.81	4.26	3.63	5.84	14.0	16.5	11.9	1919
1920	5.58	4.80	6.87	30.8	16.7	4.47	4.56	5.72	3.80	4.84	8.30	10.4	8.12	1920
1921	10.3	6.73	29.7	36.2	15.7	7.15	5.04	2.67	3.25	2.98	7.02	14.2	12.0	1921
1922	10.0	5.11	10.0	49.3	19.2	3.85	4.75	6.50	3.46	2.11	2.41	2.88	8.86	1922
1923	4.30	4.38	3.63	26.0	43.1	14.5	2.45	1.28	2.37	1.85	4.81	7.33	8.71	1923
1924	7.46	5.71	6.02	23.5	26.5	12.5	5.22	3.24	2.80	2.41	2.53	4.84	8.70	1924
1925	3.78	4.36	10.4	32.7	16.3	13.5	5.18	2.63	3.84	2.47	5.37	9.67	8.19	1925
1926	5.65	3.78	5.57	9.58	43.0	17.7	8.94	5.10	3.43	4.05	21.5	17.8	12.2	1926
1927	8.63	5.53	12.8	20.6	17.0	12.7	9.74	6.33	3.81	4.56	8.55	15.4	10.4	1927
1928	10.8	6.78	6.83	60.4	33.7	13.4	15.6	20.5	19.1	30.9	23.8	16.4	21.2	1928
1929	13.0	9.82	14.8	57.5	36.7	11.5	5.66	3.46	3.27	3.07	3.04	3.66	13.8	1929
1930	6.37	6.46	12.5	21.8	23.6	9.10	7.88	4.15	2.89	3.15	2.80	2.78	8.83	1930
1931	2.29	3.03	3.84	18.1	17.4	5.02	4.21	3.19	3.13	3.31	6.50	11.8	8.85	1931
1932	17.1	14.0	11.2	27.8	18.0	8.41	6.20	4.83	5.48	14.9	23.7	15.3	13.8	1932
1933	16.0	9.00	6.85	38.9	21.8	7.19	5.18	2.86	1.74	2.02	3.44	6.47	10.1	1933
1934	5.86	5.49	6.80	26.1	30.0	8.20	4.84	3.60	2.37	2.08	3.49	10.1	9.08	1934
1935	6.85	5.81	9.21	23.5	14.6	9.83	11.8	8.24	4.18	2.45	7.21	8.12	9.32	1935
1936	3.86	3.82	6.89	22.5	33.6	11.1	4.54	2.08	2.73	7.84	13.8	8.80	10.1	1936
1937	27.3	13.0	12.6	27.2	26.0	8.12	3.38	3.11	3.64	4.36	12.2	8.25	12.6	1937
1938	6.10	6.85	14.4	43.2	16.1	10.3	4.11	3.06	2.85	4.23	5.46	6.76	10.4	1938
1939	5.86	4.80	6.04	23.9	36.8	8.50	4.95	3.36	3.31	2.90	5.92	4.76	9.36	1939
1940	3.70	2.84	2.27	11.6	26.7	13.7	4.16	4.42	7.86	10.4	13.4	12.2	9.45	1940
1941	8.36	6.87	6.00	34.2	17.5	4.81	2.46	2.12	1.52	1.76	17.6	11.2	8.40	1941
1942	8.08	4.76	11.4	38.9	21.6	10.3	2.55	2.74	2.50	3.77	16.2	8.56	10.9	1942
1943	5.51	5.26	8.61	26.2	46.2	14.9	6.66	4.36	5.23	3.81	6.86	5.99	11.7	1943
1944	6.24	6.57	6.65	19.9	25.0	5.89	4.71	4.35	2.83	11.1	9.09	8.77	8.81	1944
1945	4.83	4.83	20.8	28.4	17.0	16.0	4.73	3.78	3.81	8.03	13.0	8.07	11.1	1945
1946	13.8	9.13	24.2	24.1	13.1	7.85	3.16	3.12	3.00	3.17	4.15	11.4	10.0	1946
1947	7.71	8.57	8.84	47.1	41.1	18.6	11.3	7.87	4.51	5.84	6.88	9.00	14.5	1947
1948	5.82	4.87	9.11	38.1	19.2	8.46	3.67	3.29	3.30	2.03	13.3	13.5	10.5	1948
1949	10.8	11.0	11.8	43.6	21.0	8.07	6.09	3.98	3.05	2.70	2.90	8.71	11.3	1949
1950	22.4	12.3	10.5	25.4	15.8	7.44	3.19	3.41	8.41	2.88	8.33	12.5	10.8	1950
1951	8.29	8.52	10.8	56.7	23.4	8.82	4.41	3.41	3.35	6.33	20.1	16.5	14.0	1951
1952	10.5	9.08	7.85	34.0	20.3	8.78	6.52	4.88	5.73	4.87	6.63	13.1	10.8	1952
1953	8.58	7.98	16.3	27.1	13.5	7.81	3.82	2.44	2.20	3.45	3.88	8.37	8.86	1953
1954	6.16	5.90	15.6	31.2	21.4	15.6	4.82	2.78	3.00	19.8	13.9	10.1	12.5	1954
1955	6.84	6.11	8.02	34.9	14.8	8.10	2.10	1.83	1.71	2.00	10.3	8.75	8.44	1955
1956	4.14	3.48	3.70	17.6	21.8	12.8	5.82	4.38	10.1	10.7	8.42	10.6	9.48	1956
1957	7.77	7.80	9.18	19.5	18.2	9.08	19.8	3.89	7.87	10.8	22.1	21.0	13.0	1957
1958	14.0	8.34	7.65	18.4	11.2	5.08	10.2	4.12	3.41	8.41	7.80	8.28	8.37	1958
1959	4.68	4.51	4.94	28.5	28.4	7.83	2.84	4.08	7.01	6.86	18.0	16.3	11.5	1959
1960	8.40	7.27	8.37	42.1	30.8	10.6	8.01	6.08	3.19	2.91	7.35	7.78	11.7	1960
1961	5.41	3.88	4.80	17.8	17.8	7.41	5.07	4.83	3.16	2.88	3.77	8.22	7.11	1961
1962	5.85	5.18	4.38	21.1	19.0	4.38	2.33	2.00	1.27	0.771	1.82	2.84	5.80	1962
1963	2.85	2.31	3.55	28.5	18.7	8.46	3.47	2.80	4.83	3.01	4.58	8.95	7.05	1963
1964	4.33	4.80	6.68	19.3	12.3	3.81	3.54	2.18	2.45	5.75	4.18	7.81	6.33	1964
1965	6.42	5.37	5.57	16.0	35.5	8.80	3.10	5.70	4.93	16.4	12.8	15.7	11.4	1965
1966	13.3	7.31	8.95	17.2	14.2	7.34	2.84	2.40	2.88	4.35	12.8	23.8	9.78	1966
1967	7.67	8.46	8.01	32.2	15.8	11.6	8.23	3.48	3.91	12.8	24.4	13.8	12.2	1967
1968	8.24	8.88	8.91	25.5	7.45	8.28	5.75	4.38	8.56	4.14	8.34	5.75	8.08	1968
1969	4.73	4.62	5.34	25.6	26.3	10.7	4.56	5.30	5.15	10.2	16.9	10.3	11.2	1969
1970	5.58	5.00	5.72	19.8	25.8	8.03	15.7	8.21	5.10	8.47	9.88	12.3	10.8	1970
1971	4.24	4.41	5.83	27.3	24.8	5.74	2.84	2.74	3.34	3.11	4.43	10.2	8.28	1971
1972	4.82	3.48	6.91	24.0	27.4	13.8	12.1	10.6	8.96	8.56	14.8	8.41	12.6	1972
1973	3.84	3.68	34.2	32.9	18.8	10.5	5.41	9.62	3.18	8.56	8.87	12.8	12.8	1973
1974	8.88	8.78	12.7	32.9	27.2	9.98	3.13	4.93	8.46	14.9	18.0	12.5	13.3	1974
1975	8.54	8.48	6.63	21.2	28.8	5.10	1.92	2.27	4.10	5.70	7.81	16.6	8.88	1975
1976	7.42	6.82	17.2	47.4	12.9	5.03	5.87	1.86	2.62	2.63	4.88	7.06	10.1	1976
1977	4.18	3.27	16.0	31.3	6.95	2.33	3.86	2.70	4.02	16.5	17.4	15.0	10.5	1977
1978	8.89	6.76	4.87	18.2	27.8	4.67	3.27	5.46	6.67	11.1	9.26	8.82	8.44	1978
1979	7.47	8.42	16.8	37.5	20.7	7.86	3.05	4.41	3.76	8.63	14.1	15.0	12.1	1979
1980	11.2	8.72	8.75	40.7	12.7	12.4	8.28	8.27	7.84	13.8	16.2	9.87	12.7	1980
1981	8.02	10.0	16.3	32.2	12.7	8.24	4.34	6.18	33.8	18.8	9.88	8.87	14.1	1981
1982	7.28	8.78	7.45	28.3	16.0	8.68	3.24	1.86	8.04	8.20	14.1	21.8	10.8	1982
1983	19.5	8.60	13.8	18.4	28.3	10.8	2.13	2.51	3.08	6.41	8.82	12.1	11.0	1983
1984	8.88	12.4	13.8	28.8	16.8	13.8	7.82	3.72	3.70	4.88	16.1	11.8	11.8	1984
1985	13.4	8.54	12.3	38.0	28.7	8.87	8.24	8.10	11.9	11.8	16.8	16.8	14.4	1985
1986	8.61	8.00	11.8	38.8	16.4	11.2	4.10	3.66	3.13	8.66	7.26	7.34	10.7	1986
1987	5.42	4.58	8.80	27.7	8.52	4.88	1.44	1.42	1.45	3.85	7.08	12.3	7.02	1987
1988	7.80	11.1	7.43	37.4	15.0	2.13	0.872	2.68	2.88	12.3	18.4	10.2	10.8	1988
MEAN	8.20	8.58	8.83	30.0	22.3	8.35	5.84	4.44	4.71	8.88	10.5	10.8	10.8	MEAN

LOCATION - LAT 45 37 03 N DRAINAGE AREA, 880 km²
LONG 79 23 17 W REGULATED

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	47.3 ON APR 19	2.72 ON AUG 28	519 000	1916
1917	---	53.5 ON APR 27	1.18 ON OCT 7	376 000	1917
1918	---	38.2 ON APR 8	2.10 ON JAN 27	383 000	1918
1919	---	36.4 ON APR 23	1.30 ON SEP 20	375 000	1919
1920	---	38.8 ON APR 1	1.38 ON SEP 26	288 000	1920
1921	---	70.5 ON MAR 29	1.76 ON OCT 8	377 000	1921
1922	---	83.0 ON APR 16	0.566 ON OCT 18	314 000	1922
1923	---	74.2 ON APR 26	1.16 ON JUL 20	306 000	1922
1924	---	31.4 ON APR 26	1.44 ON SEP 6	275 000	1924
1925	---	36.8 ON APR 16	1.30 ON SEP 27	280 000	1925
1926	---	83.7 ON MAY 10	2.10 ON OCT 3	385 000	1926
1927	---	33.1 ON MAR 30	2.62 ON OCT 18	329 000	1927
1928	---	107 ON APR 11 *	8.13 RB ON MAR 9	671 000	1928
1929	---	88.1 ON APR 13	1.27 ON OCT 27	435 000	1929
1930	---	37.9 ON APR 23	1.98 ON NOV 2	272 000	1930
1931	---	27.8 ON APR 27	2.39 B ON JAN 1	218 000	1931
1932	---	38.2 ON APR 15	2.92 ON SEP 7	436 000	1932
1933	---	83.1 ON APR 20	1.32 ON OCT 15	319 000	1933
1934	---	47.8 ON MAY 5	1.30 ON SEP 3	287 000	1934
1935	---	28.8 ON APR 18	1.87 ON OCT 17	284 000	1935
1936	---	56.4 ON MAY 7	1.93 ON AUG 14	321 000	1936
1937	---	40.8 ON APR 28	2.32 ON JUL 18	394 000	1937
1938	---	64.8 ON APR 3	2.10 ON SEP 16	329 000	1938
1939	---	72.8 ON APR 30	2.01 ON OCT 10	285 000	1939
1940	---	34.3 ON MAY 6	2.15 RB ON MAR 14	289 000	1940
1941	---	68.2 ON APR 22	0.883 ON OCT 10	286 000	1941
1942	---	52.1 ON APR 8	1.50 ON SEP 30	345 000	1942
1942	---	72.8 ON MAY 2	1.90 ON OCT 28	358 000	1943
1944	---	38.8 ON APR 29	1.78 ON SEP 10	289 000	1944
1945	---	50.1 ON MAR 30	2.33 ON SEP 2	349 000	1945
1946	---	42.5 ON MAR 27	0.883 ON OCT 25	316 000	1946
1947	---	78.0 ON APR 17	2.65 ON SEP 10	467 000	1947
1948	---	51.8 ON APR 12	1.70 ON OCT 9	332 000	1948
1949	---	46.7 ON APR 10	2.01 ON OCT 10	358 000	1949
1950	---	28.3 ON APR 6	1.87 ON OCT 27	343 000	1950
1951	---	82.4 ON APR 15	2.46 ON SEP 18	443 000	1951
1952	---	57.2 ON APR 22	2.49 ON NOV 3	343 000	1952
1953	---	45.8 ON MAR 31	1.76 ON SEP 7	279 000	1953
1954	---	60.7 ON APR 21	1.93 ON SEP 9	395 000	1954
1955	---	57.8 ON APR 21	0.891 ON OCT 4	288 000	1955
1956	---	28.0 ON APR 21	3.17 B ON FEB 16	300 000	1956
1957	---	34.5 ON JUL 7	1.87 ON SEP 9	411 000	1957
1958	---	31.7 ON APR 27	2.46 ON SEP 4	284 000	1958
1959	---	66.5 ON APR 21	2.32 ON AUG 8	381 000	1959
1960	---	68.5 ON APR 20	2.64 ON OCT 10	271 000	1960
1961	---	32.3 ON APR 28	2.66 ON OCT 21	224 000	1961
1962	---	32.3 ON MAY 4	0.025 ON OCT 21 *	186 000	1962
1963	---	38.5 ON APR 8	0.212 ON JUN 20	222 000	1963
1964	---	34.5 ON APR 22	1.81 ON SEP 8	200 000	1964
1965	---	48.4 ON MAY 3	1.23 ON JUL 4	359 000	1965
1966	---	29.7 ON DEC 15	0.527 ON AUG 2	307 000	1966
1967	---	41.9 ON APR 19	1.02 ON AUG 25	385 000	1967
1968	---	35.1 ON APR 10	1.84 ON OCT 3	265 000	1968
1969	---	38.8 ON APR 21	0.527 ON JUL 22	362 000	1969
1970	---	47.3 ON APR 29	2.62 ON JUN 15	338 000	1970
1971	---	52.4 ON APR 26	1.08 ON JUL 7	281 000	1971
1972	80.0 AT 02:31 EST ON MAY 5	60.0 ON MAY 5	3.40 B ON FEB 8	388 000	1972
1973	47.3 AT 22:41 EST ON APR 5	47.0 ON APR 5	0.385 ON SEP 22	387 000	1973
1974	64.1 AT 01:38 EST ON APR 25	63.6 ON APR 24	1.46 ON JUL 19	421 000	1974
1975	57.8 AT 20:02 EST ON MAY 2	57.8 ON MAY 2	0.282 ON JUL 18	311 000	1975
1976	80.7 AT 09:10 EST ON APR 4 *	80.4 ON APR 4	0.900 ON JUL 31	318 000	1976
1977	---	59.5E ON APR 2	1.07 ON JUN 14	330 000	1977
1978	42.5 AT 07:58 EST ON MAY 1	42.5 ON MAY 1	1.94 ON JUN 22	288 000	1978
1979	48.8 AT 04:09 EST ON APR 6	48.7 ON APR 6	1.27 B ON DEC 18	382 000	1979
1980	80.5 AT 08:48 EST ON APR 15	80.3 ON APR 15	3.80 ON JUL 15	400 000	1980
1981	47.2 AT 12:08 EST ON APR 11	46.8 ON APR 11	0.788 ON JUL 23	445 000	1981
1982	51.3 AT 01:51 EST ON APR 28	51.1 ON APR 27	0.425 ON AUG 22	343 000	1982
1982	37.9 AT 13:55 EST ON MAY 12	37.8 ON MAY 11	0.425 ON AUG 26	348 000	1983
1984	40.0 AT 19:55 EST ON APR 20	39.8 ON APR 20	2.44 ON SEP 1	374 000	1984
1985	72.8 AT 17:27 EST ON APR 26	72.1 ON APR 26	2.13 ON JUN 1	455 000	1985
1986	54.0 AT 22:59 EST ON APR 6	53.9 ON APR 6	1.49 ON SEP 10	338 000	1986
1987	38.4 AT 17:04 EST ON APR 11	38.3 ON APR 11	1.08 ON AUG 13	321 000	1987
1988	---	52.7 ON APR 18	0.179 ON JUL 7	334 000	1988
				340 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	16.2	8.38	3.44	24.1	49.0	27.1	---	1945
1946	43.3	28.4	98.0	91.1	39.3	29.6	9.49	5.47	2.84	3.84	11.1	26.4	32.3	1946
1947	37.4	38.8	23.0	188	126	64.5	30.5	21.7	21.1	27.0	24.1	35.8	50.4	1947
1948	20.8	15.4	55.7	153	68.1	32.8	11.3	7.82	5.39	7.53	32.2	54.3	38.8	1948
1949	38.2	36.0	33.9	102	89.3	29.8	---	---	---	---	---	---	---	1949
MEAN	38.0	27.4	52.7	138	75.7	38.1	16.9	10.3	8.18	15.8	28.1	36.9	40.5	MEAN

LOCATION - LAT 45 46 20 N
LONG 80 28 50 W
DRAINAGE AREA, 2 800 km^2
REGULATED

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	177 ON MAR 25	2.16 ON SEP 15 *	1 020 000	1946
1947	---	262 ON APR 16 *	7.80 ON SEP 20	1 590 000	1947
1948	---	183 ON APR 5	3.99 ON OCT 1	1 230 000	1948
1949	---	135 ON APR 18	---	---	1949
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 280 000	MEAN

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 0280001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	6.18	7.28	7.50	6.48	7.31	---	1920
1921	7.08	7.08	6.57	31.5	28.5	21.8	9.15	8.90	6.18	6.16	6.49	7.08	12.1	1921
1922	6.96	6.06	6.10	22.7	67.7	17.1	10.6	7.16	4.83	4.26	4.82	5.40	15.4	1922
1923	4.80	3.23	3.11	9.67	29.4	8.78	6.00	3.81	7.59	20.4	20.0	11.1	10.7	1923
1924	7.73	6.10	4.45	11.1	38.0	25.3	8.70	7.25	7.52	5.71	6.92	8.10	11.7	1924
1925	5.93	5.16	5.08	39.2	50.7	40.4	23.3	15.1	5.95	6.63	9.35	9.16	18.0	1925
1926	5.89	4.31	3.44	4.80	48.4	36.4	58.2	21.3	18.4	23.3	33.4	31.1	24.3	1926
1927	25.9	25.3	24.9	58.9	74.5	27.0	20.7	10.2	6.04	26.6	32.0	21.7	29.4	1927
1928	13.4	7.88	4.53	23.5	87.3	76.6	71.6	29.3	34.0	54.9	38.9	24.8	39.9	1928
1929	15.9	11.7	9.82	32.7	49.4	39.6	25.3	14.7	14.6	20.7	33.9	21.9	24.2	1929
1930	12.8	8.16	6.16	10.9	71.1	57.3	32.2	12.8	5.82	7.44	7.36	8.36	19.9	1930
1931	5.49	2.80	1.73	15.6	52.9	22.3	11.7	4.46	3.41	8.76	33.9	32.6	16.4	1931
1932	19.6	9.84	3.68	9.76	57.7	32.8	19.3	10.0	13.8	8.21	17.1	18.1	18.2	1932
1933	9.12	3.43	1.42	19.3	98.0	36.3	18.8	8.82	4.24	5.20	8.95	4.11	18.2	1933
1934	1.73	1.14	0.548	1.07	79.2	33.3	18.6	7.34	8.75	12.8	22.8	27.5	18.0	1934
1935	10.2	2.38	1.18	19.5	83.0	47.7	54.5	31.3	19.5	20.8	20.2	12.8	27.1	1935
1936	4.89	2.22	4.90	10.4	119	53.2	22.3	8.32	8.96	5.70	---	---	---	1936
1937	---	---	---	31.8	73.4	31.8	16.6	14.8	11.8	11.6	13.6	12.5	---	1937
1938	8.08	5.86	4.34	42.4	76.4	56.1	44.2	26.5	16.4	8.89	16.8	14.5	28.6	1938
1939	11.4	8.71	8.26	14.0	111	50.0	31.1	---	---	---	---	---	---	1939
MEAN	9.83	6.71	5.48	21.6	69.7	37.5	26.5	13.1	10.6	14.0	18.7	15.4	20.6	MEAN

LOCATION - LAT 48 08 00 N
LONG 84 44 00 W
DRAINAGE AREA, 1 640 km^2
REGULATED

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 0280001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	89.9 ON APR 29	5.01 ON NOV 14	383 000	1921
1922	---	142 ON MAY 6	1.44 ON APR 1	486 000	1922
1923	---	57.8 ON OCT 21	0.785 ON OCT 6	336 000	1923
1924	---	44.2 ON MAY 1	3.88 ON NOV 6	369 000	1924
1925	---	99.1 ON APR 28	2.82 ON JUL 3	570 000	1925
1926	---	87.8 ON JUL 17	3.12 RB ON MAR 8	768 000	1926
1927	---	136 ON APR 23	4.36 ON SEP 12	928 000	1927
1928	---	147 ON MAY 7	4.08 B ON MAR 10	1 280 000	1928
1929	---	88.6 ON MAY 25	9.01 RB ON MAR 12	784 000	1929
1930	---	112 ON MAY 6	1.18 ON APR 6	638 000	1930
1931	---	82.7 ON MAY 12	1.38 ON APR 1	517 000	1931
1932	---	86.5 ON MAY 14	1.93 ON APR 6	576 000	1932
1933	---	108 ON MAY 6	1.27 ON APR 1	572 000	1933
1934	---	189 ON MAY 9	0.255R ON APR 1 *	569 000	1934
1935	---	104 ON MAY 15	0.935RB ON MAR 15	686 000	1935
1936	---	188 ON MAY 18	1.84 ON MAR 1	---	1936
1937	---	136 ON MAY 1	---	---	1937
1938	---	125 ON MAY 3	3.88 B ON MAR 18	840 000	1938
1939	---	182 ON MAY 11 *	---	---	1939
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		852 000	MEAN

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	10.9	9.83	19.8	136	54.5	33.8	14.7	18.9	13.4	11.0	7.32	---	1939
1940	---	---	---	---	85.8	88.2	32.2	15.8	9.45	8.24	12.8	---	---	1940
1941	---	---	---	58.1	70.1	30.7	14.7	11.4	14.4	49.8	34.3	---	---	1941
1942	---	---	---	44.9	81.3	31.3	13.1	11.8	21.4	46.8	70.3	---	---	1942
1943	---	---	---	---	102	81.7	---	---	12.1	14.9	---	---	---	1943
1944	---	---	---	---	101	47.1	16.8	14.6	20.0	20.1	17.1	---	---	1944
1945	---	---	---	77.3	31.4	30.0	---	---	---	18.7	57.8	---	---	1945
1946	---	---	---	58.8	74.9	46.8	23.3	11.7	11.8	18.1	34.4	28.3	---	1946
1947	---	---	---	16.3	128	118	---	---	---	---	---	8.88	---	1947
1948	---	---	---	85.8	89.0	18.0	14.3	13.9	11.4	8.85	16.5	---	---	1948
1949	---	---	---	---	101	45.3	25.8	13.7	12.8	20.9	22.0	---	---	1949
1950	---	---	---	---	---	71.0	40.0	17.2	11.0	14.7	38.6	---	---	1950
1951	---	---	---	80.0	92.8	32.2	14.9	8.80	16.0	34.0	43.5	---	---	1951
1952	---	---	---	40.5	83.4	39.7	24.7	15.6	12.6	8.84	10.7	19.4	---	1952
1953	11.8	8.75	8.14	22.7	35.7	43.2	32.4	10.2	6.70	8.16	8.26	18.0	1 [illegible]	1953
1954	12.9	10.8	11.7	42.1	94.5	28.3	10.8	6.17	4.10	11.5	14.8	11.1	2 [illegible]	1954
1955	---	---	---	---	---	30.2	9.03	5.95	4.84	11.5	15.3	12.4	---	1955
1956	9.50	7.65	6.36	20.6	81.5	47.5	37.7	15.4	22.7	14.1	11.5	10.7	23.8	1956
1957	8.89	6.90	6.60	80.8	82.4	33.4	28.1	10.8	14.8	16.1	30.5	20.8	26.7	1957
1958	17.5	13.2	10.4	45.2	41.9	36.7	33.4	15.0	22.3	26.8	36.6	19.2	26.8	1958
1959	12.2	9.23	8.15	30.9	101	44.8	13.1	23.0	37.1	56.8	---	---	---	1959
1960	---	---	---	---	153	40.2	14.4	8.85	8.01	8.48	14.3	14.3	---	1960
1961	8.97	5.62	7.45	34.1	72.6	33.8	13.5	8.31	11.1	26.5	30.9	---	---	1961
1962	---	---	---	---	76.8	25.6	9.86	7.52	20.7	15.1	15.5	---	---	1962
1963	---	---	---	---	41.7	---	---	11.4	14.9	12.1	---	---	---	1963
1964	---	---	---	---	119	43.7	22.2	15.2	21.3	39.6	---	---	---	1964
1965	---	---	---	---	95.1	33.2	13.4	16.8	21.4	45.2	26.7	18.9	---	1965
1966	18.1	16.1	19.6	50.4	100	36.9	13.2	13.4	9.09	36.9	32.1	33.8	31.8	1966
1967	23.3	16.4	14.2	98.7	77.8	32.5	14.0	10.3	5.84	8.77	14.4	11.2	27.1	1967
1968	9.23	6.32	6.15	64.8	38.6	49.1	97.8	36.7	37.9	53.8	39.2	22.9	38.8	1968
1969	19.5	15.3	12.3	50.7	85.2	27.3	15.6	11.2	10.2	15.9	16.4	16.7	24.7	1969
1970	13.2	9.84	8.98	30.1	83.8	47.1	19.9	11.1	13.6	17.7	35.6	31.3	27.8	1970
1971	19.1	14.8	13.5	51.0	94.3	46.2	18.1	8.32	8.85	19.0	44.3	28.3	30.7	1971
1972	19.5	14.4	11.5	26.3	83.2	36.7	17.3	22.1	21.4	25.1	20.2	18.2	26.1	1972
1973	10.8	8.96	23.8	76.3	84.4	31.7	36.2	26.3	18.1	24.9	20.0	19.6	32.9	1973
1974	13.2	9.33	8.95	41.4	110	46.8	19.7	30.6	30.6	43.2	40.2	22.7	35.0	1974
1975	17.5	12.5	9.40	28.8	111	35.7	13.6	4.62	3.66	3.88	14.8	28.9	23.6	1975
1976	12.5	8.71	10.7	131	59.5	15.8	7.05	3.31	2.38	2.65	4.18	5.47	21.8	1976
1977	8.11	6.55	17.5	80.1	46.3	13.7	10.6	8.74	31.8	36.1	39.6	19.8	26.9	1977
1978	11.7	8.81	7.50	14.2	65.1	42.3	31.0	16.9	14.1	35.0	20.0	12.6	23.4	1978
1979	9.09	7.23	10.0	70.3	102	64.5	18.2	8.80	19.1	40.9	66.4	32.0	44.4	1979
1980	20.8	14.2	11.1	48.2	71.3	25.5	10.1	6.67	10.8	36.7	30.2	17.1	25.2	1980
1981	10.4	8.60	12.5	55.8	78.1	27.6	12.9	5.06	3.87	8.23	10.0	10.8	20.3	1981
1982	13.0	8.76	8.20	36.2	87.2	20.7	34.4	14.1	15.8	61.0	65.7	34.2	33.4	1982
1983	18.1	14.7	18.3	46.5	84.8	48.7	17.4	8.34	11.2	30.3	38.8	23.1	29.3	1983
1984	13.9	13.6	11.1	47.8	68.9	37.2	34.6	13.3	8.11	15.6	33.3	34.1	26.7	1984
1985	21.4	14.1	10.7	54.7	58.5	23.4	18.2	24.7	26.3	88.9	36.7	20.9	30.8	1985
1986	15.0	11.9	11.0	52.5	55.3	16.4	10.6	10.1	13.5	25.1	32.5	16.4	22.6	1986
1987	10.5	8.61	8.51	37.3	19.9	12.5	8.83	8.52	7.44	8.26	23.3	23.1	14.7	1987
1988	11.8	9.19	9.07	70.7	65.6	25.6	9.59	8.75	9.44	12.6	44.0	35.9	25.9	1988
MEAN	13.9	10.7	11.1	61.0	82.1	36.8	21.1	13.1	14.8	24.2	28.5	20.2	27.1	MEAN

LOCATION - LAT 47 56 20 N DRAINAGE AREA, 1 930 km²
LONG 84 49 50 W NATURAL FLOW

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	220 ON MAY 10	8.948 ON DEC 6	---	1939
1940	---	130 ON MAY 23	---	---	1940
1941	---	127 ON MAY 9	---	---	1941
1942	---	81.7 ON APR 27	---	---	1942
1943	---	145 ON MAY 7	---	---	1943
1944	---	164 ON MAY 6	---	---	1944
1945	---	124 ON NOV 14	---	---	1945
1946	---	175 ON MAY 27	---	---	1946
1947	---	168 ON MAY 20	---	---	1947
1948	---	178 ON APR 30	---	---	1948
1949	---	165 ON MAY 10	---	---	1949
1950	---	170 ON MAY 15	---	---	1950
1951	---	177 E ON MAY 3	---	---	1951
1952	---	127 ON APR 24	---	---	1952
1953	---	57.8 ON JUN 12	6.00 ON SEP 26	540 000	1953
1954	---	146 ON MAY 10	3.62 ON OCT 9	878 000	1954
1955	---	---	---	---	1955
1956	142 ON MAY 17	135 ON MAY 17	5.068 ON MAR 27	753 000	1956
1957	234 AT 00:30 EST ON APR 29	233 ON APR 29	6.008 ON MAR 9	844 000	1957
1958	101 AT 24:00 EST ON APR 24	101 ON APR 25	9.808 ON MAR 26	846 000	1958
1959	170 ON MAY 8	---	---	---	1959
1960	212 AT 20:00 EST ON MAY 7	---	---	---	1960
1961	122 AT 24:00 EST ON MAY 18	120 ON MAY 18	4.938 ON FEB 24	---	1961
1962	121 AT 21:00 EST ON MAY 6	---	---	---	1962
1963	88.4 AT 11:15 EST ON APR 22	---	---	---	1963
1964	202 AT 23:00 EST ON MAY 10	---	---	---	1964
1965	130 AT 18:00 EST ON MAY 7	---	---	---	1965
1966	134 AT 08:45 EST ON MAY 23	134 ON MAY 22	5.94 ON SEP 27	1 010 000	1966
1967	153 AT 11:30 EST ON APR 18	150 ON APR 18	4.76 ON OCT 7	855 000	1967
1968	261 AT 20:00 EST ON JUL 20	249 ON JUL 20	5.868 ON FEB 27	1 230 000	1968
1969	118 AT 20:00 EST ON MAY 9	117 ON MAY 9	7.84 ON AUG 30	780 000	1969
1970	189 AT 01:50 EST ON MAY 3	185 ON MAY 3	5.168 ON MAR 31	877 000	1970
1971	175 AT 22:59 EST ON MAY 26	174 ON MAY 27	7.70 ON SEP 2	967 000	1971
1972	136 AT 07:58 EST ON MAY 3	135 ON MAY 3	10.9 B ON MAR 26	824 000	1972
1973	177 AT 06:46 EST ON MAY 12	175 ON MAY 12	5.408 ON FEB 27	1 040 000	1973
1974	175 AT 22:20 EST ON MAY 6	174 ON MAY 5	5.89 ON MAR 1	1 100 000	1974
1975	238 AT 01:22 EST ON MAY 8	234 ON MAY 8	2.50 ON SEP 3	750 000	1975
1976	309 AT 07:17 EST ON APR 24	306 ON APR 24	2.17 ON SEP 18 *	690 000	1976
1977	180 AT 15:22 EST ON APR 24	178 ON APR 24	4.36 ON FEB 21	850 000	1977
1978	121 AT 05:37 EST ON MAY 17	119 ON MAY 17	7.32 ON MAR 23	738 000	1978
1979	381 AT 01:47 EST ON MAY 12 *	371 ON MAY 12 *	4.20 ON AUG 23	1 400 000	1979
1980	140 AT 02:36 EST ON MAY 3	139 ON MAY 3	5.45 ON SEP 12	799 000	1980
1981	162 AT 15:25 EST ON MAY 7	159 ON MAY 7	3.36 ON OCT 13	840 000	1981
1982	137 AT 06:32 EST ON MAY 7	136 ON MAY 7	6.008 ON MAR 10	1 050 000	1982
1983	136 AT 05:17 EST ON MAY 1	135 ON MAY 1	5.58 ON SEP 5	926 000	1983
1984	105 AT 17:10 EST ON MAY 2	104 ON MAY 2	5.04 ON SEP 22	846 000	1984
1985	200 AT 04:38 EST ON APR 27	195 ON APR 28	10.1 B ON MAR 24	872 000	1985
1986	89.5 AT 13:13 EST ON MAY 3	88.2 ON MAY 3	7.81 ON JUL 23	711 000	1986
1987	57.7 AT 04:46 EST ON APR 21	56.8 ON APR 20	5.32 ON JUL 9	485 000	1987
1988	---	105 ON APR 15	5.32E ON JUL 31	820 000	1988
				857 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	25.3	---	---	7.80	2.52	0.780	0.850	0.632	0.787	1.83	---	1953
1954	0.991	17.6	24.1	17.1	3.68	1.23	0.812	0.348	0.828	25.6	7.80	6.76	8.83	1954
1955	8.08	5.85	21.9	25.5	7.45	1.73	0.468	0.345	0.255	0.931	2.44	4.48	5.80	1955
1956	2.61	2.77	22.0	32.5	13.8	2.83	3.10	2.17	3.42	2.35	2.81	8.26	8.11	1956
1957	6.74	18.0	18.6	11.2	4.25	3.30	4.84	0.648	2.32	2.41	8.64	14.3	7.88	1957
1958	3.37	3.05	10.7	7.48	1.44	0.870	0.578	0.345	0.508	0.487	1.71	1.83	2.80	1958
1959	2.08	4.36	21.8	44.4	8.40	1.74	1.18	0.878	1.31	3.09	15.4	13.8	9.84	1959
1960	8.76	8.88	7.88	43.8	18.7	8.25	1.31	0.749	0.518	0.524	1.36	0.938	6.02	1960
1961	0.784	4.64	14.8	8.32	7.11	2.67	2.31	1.45	1.00	0.757	2.38	3.85	4.18	1961
1962	2.49	2.38	17.0	13.1	2.90	1.08	0.454	0.385	0.852	1.42	3.20	4.11	4.10	1962
1963	2.22	1.11	21.8	10.9	7.85	1.75	0.805	0.800	0.489	0.487	1.92	2.23	4.41	1963
1964	5.10	4.24	15.0	10.0	2.89	1.01	0.848	4.81	1.34	1.46	2.85	10.2	4.99	1964
1965	5.26	15.3	11.3	28.1	8.47	1.40	0.795	0.878	1.14	4.53	9.15	15.6	8.33	1965
1966	7.86	10.9	20.0	10.4	5.26	5.42	0.577	0.888	0.784	1.22	4.33	12.3	6.63	1966
1967	10.9	7.43	14.4	23.2	4.38	10.0	4.87	1.82	1.48	8.62	15.0	15.2	8.87	1967
1968	8.00	20.2	20.5	8.98	4.85	2.84	1.35	5.71	4.57	8.00	9.77	14.0	8.75	1968
1969	12.9	13.9	15.0	26.3	14.1	4.16	2.13	0.972	0.885	1.48	5.04	4.87	8.40	1969
1970	3.00	3.92	5.80	26.0	5.26	1.45	2.35	1.10	1.82	3.34	4.24	6.88	5.58	1970
1971	4.22	4.79	13.5	28.8	3.58	1.80	1.24	0.838	0.808	0.848	1.12	4.33	5.47	1971
1972	5.26	3.62	8.93	35.4	4.89	3.88	2.03	1.01	0.844	2.57	4.28	8.80	6.81	1972
1973	17.4	7.41	22.7	9.45	5.58	3.86	1.33	0.955	0.457	0.851	2.84	4.15	6.52	1973
1974	8.42	5.80	20.0	18.0	17.3	3.41	1.30	0.854	0.737	1.09	4.20	2.71	6.99	1974
1975	7.36	8.80	15.2	32.0	5.73	3.01	1.23	5.05	7.84	4.27	5.39	13.6	9.24	1975
1976	6.19	14.6	46.6	13.2	8.98	1.76	4.75	1.03	2.28	3.62	4.18	3.25	9.38	1976
1977	2.23	2.36	38.0	10.7	2.25	1.13	1.30	7.98	7.87	15.6	11.0	9.84	8.28	1977
1978	4.38	3.14	7.04	27.6	5.83	3.12	0.887	0.948	1.78	2.73	2.84	3.72	5.32	1978
1979	5.58	2.40	31.7	27.1	8.77	1.56	1.42	1.18	0.888	2.68	7.78	13.3	8.80	1979
1980	4.75	2.05	19.2	20.1	4.72	2.86	1.53	1.53	2.86	8.26	4.78	7.84	8.84	1980
1981	3.10	78.5	10.3	6.83	5.16	2.68	1.06	1.80	6.45	11.0	7.15	4.82	7.28	1981
1982	4.01	2.01	17.3	32.6	3.87	4.75	1.50	1.25	1.47	1.81	8.88	17.7	8.18	1982
1983	6.20	7.32	8.18	9.88	10.2	3.72	1.42	1.38	2.85	4.45	8.24	8.58	5.85	1983
1984	4.08	26.7	13.1	9.83	3.70	7.06	2.28	0.838	1.70	1.88	7.75	14.3	7.88	1984
1985	6.87	17.0	32.5	29.8	6.41	3.39	1.41	1.31	3.16	8.10	15.2	7.78	10.8	1985
1986	8.31	4.18	30.1	10.4	7.39	5.09	2.40	2.13	20.0	17.6	8.43	7.34	10.2	1986
1987	4.20	2.94	18.8	10.8	1.83	1.82	2.05	1.58	1.03	2.85	10.1	13.1	5.83	1987
1988	6.18	11.8	18.5	10.1	5.11	1.21	0.886	0.788	0.700	8.56	13.3	8.81	7.09	1988
MEAN	5.80	8.47	19.2	19.8	6.55	3.12	1.70	1.88	2.44	4.34	8.31	8.20	7.25	MEAN

LOCATION - LAT 43 54 57 N DRAINAGE AREA, 526 km²
LONG 81 15 50 W REGULATED

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	322 ON OCT 16	0.198 ON JUL 28	278 000	1954
1955	---	78.6 ON APR 1	0.227 ON SEP 14	208 000	1955
1956	---	188 ON APR 4	0.880 ON AUG 21	256 000	1956
1957	---	164 ON FEB 28	0.481 ON AUG 26	242 000	1957
1958	---	37.1 ON MAR 28	0.227 ON AUG 10	82 200	1958
1959	---	193 ON APR 2	0.568E ON AUG 3	310 000	1959
1960	---	222 ON APR 3	0.418 ON OCT 1	253 000	1960
1961	---	25.7B ON FEB 24	0.371 ON OCT 13	131 000	1961
1962	---	103 ON MAR 30	0.283 ON JUL 5	128 000	1962
1963	164 AT 00:01 EST ON MAR 28	150 ON MAR 28	0.327 ON OCT 11	138 000	1963
1964	53.6 AT 15:10 EST ON MAR 5	41.9 ON MAR 6	0.388 ON JUL 7	158 000	1964
1965	86.3 AT 16:00 EST ON APR 12	82.1B ON FEB 11	0.484 ON JUL 25	283 000	1965
1966	96.6 AT 01:00 EST ON DEC 6	86.1 ON DEC 6	0.193 ON JUL 30 *	209 000	1966
1967	105 AT 17:00 EST ON APR 3	88.9 ON APR 3	0.821 ON SEP 19	306 000	1967
1968	241 B AT 23:50 EST ON FEB 2	141 B ON FEB 2	0.880 ON JUL 31	277 000	1968
1969	129 AT 16:13 EST ON APR 5	110 ON APR 5	0.478 ON OCT 6	255 000	1969
1970	102 AT 21:00 EST ON APR 14	93.4 ON APR 14	0.824 ON AUG 21	175 000	1970
1971	84.7 AT 08:30 EST ON APR 10	75.6 ON APR 10	0.572 ON SEP 18	172 000	1971
1972	190 AT 13:20 EST ON APR 15	163 ON APR 15	0.588 ON SEP 23	208 000	1972
1973	83.7 AT 09:00 EST ON JAN 1	71.1 ON JAN 1	0.343 ON SEP 21	205 000	1973
1974	200 AT 17:39 EST ON MAY 17	144 ON MAY 17	0.569 ON AUG 21	221 000	1974
1975	374 AT 15:41 EST ON APR 19 *	285 ON APR 19 *	0.478 ON AUG 20	291 000	1975
1976	282 AT 18:33 EST ON MAR 21	243 ON MAR 21	0.597 ON AUG 26	297 000	1976
1977	311 AT 22:16 EST ON MAR 13	224 ON MAR 13	0.433 ON JUL 28	293 000	1977
1978	98.4 AT 04:30 EST ON APR 12	83.6 ON APR 12	0.840 ON SEP 10	188 000	1978
1979	232 AT 21:32 EST ON APR 14	185 ON APR 14	0.594 ON AUG 22	271 000	1979
1980	140 AT 23:42 EST ON MAR 21	109 ON MAR 22	0.488 ON AUG 25	207 000	1980
1981	187 AT 21:30 EST ON FEB 23	138 ON FEB 23	0.720 ON AUG 20	229 000	1981
1982	245 E AT 04:57 EST ON APR 1	154 E ON APR 1	0.748 ON AUG 13	258 000	1982
1983	28.2 AT 18:00 EST ON DEC 13	24.3 ON DEC 13	0.824 ON JUL 30	184 000	1983
1984	134 AT 07:49 EST ON DEC 30	117 ON DEC 30	0.581 ON AUG 21	242 000	1984
1985	192 AT 10:14 EST ON APR 6	174 ON APR 6	0.667 ON AUG 14	342 000	1985
1986	121 AT 10:06 EST ON SEP 13	106 ON MAR 20	0.812 ON MAY 13	320 000	1986
1987	49.6 AT 15:07 EST ON MAR 24	46.9 ON MAR 24	0.742 ON SEP 10	187 000	1987
1988	---	87.1 ON MAR 26	0.338 ON AUG 24	224 000	1988
				229 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	8.90	4.68	4.51	5.13	17.9	89.5	61.3	---	1911
1912	ESE	---	115	272	100	26.1	8.31	11.1	49.0	30.2	111	55.2	---	1912
1913	117	48.1	187	116	10.4	4.58	3.00	2.78	2.45	5.48	42.5	21.6	48.8	1913
1914	36.5	39.9	104	83.3	12.4	5.55	3.47	3.13	3.75	3.48	15.9	23.9	26.2	1914
1915	34.7	81.5	48.2	39.2	8.49	4.27	3.72	23.8	37.9	28.0	32.5	49.4	33.0	1915
1916	117	41.1	78.7	122	44.8	26.8	5.15	2.81	2.70	4.30	7.72	16.8	39.3	1916
1917	18.2	21.0	135	85.6	41.8	67.5	85.6	8.62	3.80	---	---	---	---	1917
MEAN	80.1	48.3	111	113	36.3	21.1	16.0	7.84	14.9	46.5	38.0	36.3	36.3	MEAN

LOCATION - LAT 43 43 05 N
LONG 81 37 35 W

DRAINAGE AREA, 2 480 km²
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1911	---	---	---	---	1911
1912	---	1 840 ON APR 7 *	3.96 ON JUL 8	---	1912
1913	---	868 ON MAR 15	1.98 ON SEP 15 *	1 480 000	1913
1914	---	391 ON MAR 30	1.98 ON AUG 7	826 000	1914
1915	---	186 ON FEB 23	2.94 ON JUN 27	1 040 000	1915
1916	---	841 ON MAR 30	2.29 ON AUG 24	1 240 000	1916
1917	---	462 ON MAR 25	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 150 000	MEAN

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	60.4	21.5	38.7	24.0	4.06	0.723	0.862	1.01	1.83	4.31	---	1953
1954	3.57	83.1	85.5	55.0	11.5	2.89	0.738	0.294	0.900	72.5	20.1	20.9	29.5	1954
1955	26.5	16.2	76.2	57.2	11.6	3.93	0.412	0.298	0.188	0.803	5.15	14.1	17.8	1955
1956	7.64	4.77	55.9	89.4	52.5	5.85	9.02	3.36	5.92	3.76	4.56	26.3	23.7	1956
1957	28.5	36.4	52.7	36.4	11.6	7.24	13.8	0.893	4.67	5.52	27.5	50.5	22.9	1957
1958	11.5	7.07	41.5	22.0	3.43	1.83	1.54	0.854	2.26	1.46	7.61	3.62	8.74	1958
1959	11.0	12.7	66.0	124	24.0	4.42	2.61	2.52	3.65	9.15	39.3	28.9	27.4	1959
1960	19.1	14.6	12.7	126	48.3	12.7	2.27	1.18	0.680	0.734	2.82	1.63	20.1	1960
1961	1.38	15.1	44.3	25.5	20.5	6.54	4.01	2.15	1.97	1.21	6.77	16.2	12.1	1961
1962	7.12	7.19	66.9	42.1	7.17	1.91	0.886	0.847	0.955	1.92	7.17	14.3	13.2	1962
1963	5.58	4.18	72.7	31.3	19.4	3.43	1.02	1.08	0.840	1.31	3.84	2.88	12.4	1963
1964	16.1	12.5	48.1	32.0	8.26	1.84	2.23	8.30	2.57	3.07	4.33	22.3	13.5	1964
1965	12.5	62.7	38.5	66.7	18.4	2.74	2.37	2.87	2.47	34.1	30.4	57.4	28.3	1965
1966	24.0	42.5	62.7	32.3	14.5	16.7	1.64	1.57	1.77	2.18	10.2	39.2	20.7	1966
1967	33.7	21.1	46.2	71.8	13.2	24.3	12.5	4.02	3.44	24.7	52.3	48.8	28.7	1967
1968	16.7	66.5	63.6	25.5	12.2	5.51	3.16	13.8	8.76	16.2	26.7	37.3	24.8	1968
1969	40.3	40.9	52.0	82.7	43.2	9.32	4.07	1.91	1.11	2.66	13.7	11.0	25.9	1969
1970	7.05	10.3	18.4	89.4	15.5	4.10	5.67	2.66	3.35	7.33	12.5	22.7	18.5	1970
1971	11.4	13.8	40.8	96.0	9.29	6.68	2.75	2.00	1.81	1.75	2.18	11.9	15.8	1971
1972	15.0	10.5	32.5	107	12.8	10.8	7.47	2.33	1.91	7.26	14.0	30.6	21.0	1972
1973	80.3	19.5	78.1	27.0	21.3	9.59	3.31	2.47	1.56	1.93	9.42	14.5	21.0	1973
1974	38.8	20.0	82.2	58.7	50.2	7.65	2.80	1.53	1.35	1.97	8.96	6.15	21.5	1974
1975	21.4	24.1	61.7	82.8	16.5	8.84	3.17	36.4	25.8	12.4	16.5	41.0	29.2	1975
1976	18.6	58.1	153	40.1	26.4	4.05	8.73	2.60	4.86	7.23	12.1	9.58	26.9	1976
1977	6.79	8.64	128	28.0	4.89	2.17	2.11	15.3	21.3	38.8	31.5	31.3	25.5	1977
1978	13.0	10.3	26.5	114	16.7	7.88	1.99	1.57	5.55	10.5	9.82	13.0	19.2	1978
1979	18.7	7.74	122	88.8	17.8	4.69	2.57	1.93	1.36	6.37	27.1	45.7	28.9	1979
1980	14.3	5.31	67.1	80.8	13.7	8.24	3.01	2.71	5.03	12.1	10.1	23.6	18.8	1980
1981	7.45	95.8	30.5	20.1	17.6	5.80	2.36	3.00	13.2	34.9	21.8	16.3	21.9	1981
1982	10.6	5.19	59.6	111	7.86	15.3	4.10	3.87	4.84	5.43	38.7	65.6	27.7	1982
1983	18.2	24.7	23.3	28.7	36.5	10.9	2.41	2.64	9.26	12.4	19.0	30.2	16.2	1983
1984	10.9	99.9	47.0	29.1	9.09	16.0	3.82	1.84	4.21	4.29	25.6	43.9	24.3	1984
1985	20.0	52.2	121	88.8	13.9	7.40	3.73	8.04	13.6	20.3	49.1	24.1	35.0	1985
1986	27.3	12.2	102	27.6	17.8	10.2	4.89	6.03	88.3	72.8	17.7	22.3	34.5	1986
1987	13.1	7.88	67.6	34.7	5.15	4.78	13.2	7.68	2.85	7.61	31.9	45.8	20.3	1987
1988	19.1	28.0	65.0	28.0	12.4	2.78	1.87	1.90	1.82	20.8	42.3	26.0	21.0	1988
MEAN	17.7	27.6	62.4	59.8	18.3	7.82	4.08	4.30	7.24	13.0	18.5	35.7	22.4	MEAN

LOCATION - LAT 43 53 12 N
LONG 81 18 37 W

DRAINAGE AREA, 1 830 km²
REGULATED

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	188 AT 22:00 EST ON MAR 16	180 ON MAR 16	0.283 ON AUG 15	---	1953
1954	---	464 ON OCT 16	0.142 ON JUL 26	931 000	1954
1955	---	284 ON MAR 12	0.057 ON SEP 10 *	562 000	1955
1956	---	381 ON APR 5	0.736 ON AUG 21	752 000	1956
1957	---	238 ON DEC 22	0.425 ON AUG 23	722 000	1957
1958	---	130 ON MAR 29	0.481 ON AUG 7	275 000	1958
1959	---	402 ON APR 6	1.33 ON JUL 10	885 000	1959
1960	583 AT 06:00 EST ON APR 4	566 ON APR 4	0.328 ON OCT 1	536 000	1960
1961	---	114 ON MAR 7	0.592 ON OCT 24	383 000	1961
1962	---	479 ON MAR 30	0.227 ON JUL 14	417 000	1962
1963	---	530 ON MAR 26	0.252 ON JUL 13	390 000	1963
1964	---	148 ON DEC 26	0.828 ON JUL 8	426 000	1964
1965	---	306 ON FEB 12	0.776 ON SEP 8	925 000	1965
1966	---	215 ON FEB 12	1.04 ON SEP 20	653 000	1966
1967	221 AT 03:00 EST ON MAR 31	217 ON MAR 31	0.957 ON SEP 19	937 000	1967
1968	490 AT 02:00 EST ON FEB 3	416 ON FEB 3	1.78 ON JUL 16	785 000	1968
1969	371 AT 17:48 EST ON APR 5	323 ON APR 5	0.954 ON SEP 29	818 000	1969
1970	276 AT 21:35 EST ON APR 10	267 ON APR 10	1.58 ON AUG 16	522 000	1970
1971	257 AT 11:29 EST ON APR 10	252 ON APR 10	0.881 ON OCT 30	528 000	1971
1972	388 AT 15:43 EST ON APR 15	374 ON APR 15	1.58 ON SEP 24	684 000	1972
1973	2400 AT 04:27 EST ON JAN 1	2298 ON JAN 1	1.38 ON OCT 8	862 000	1973
1974	394 AT 22:00 EST ON MAY 17	314 ON MAR 5	1.16 ON AUG 26	683 000	1974
1975	776 AT 20:10 EST ON APR 19 *	626 ON APR 19	1.66 ON AUG 20	923 000	1975
1976	685 AT 20:46 EST ON MAR 21	592 ON MAR 21	1.76 ON AUG 28	914 000	1976
1977	739 AT 04:15 EST ON MAR 14	680 ON MAR 14 *	0.789 ON JUL 28	840 000	1977
1978	314 AT 06:00 EST ON APR 12	294 ON APR 8	1.17 ON AUG 8	805 000	1978
1979	565 AT 21:13 EST ON APR 14	440 ON APR 15	1.17 ON SEP 9	912 000	1979
1980	369 AT 11:55 EST ON MAR 22	332 ON MAR 22	1.24 ON AUG 27	585 000	1980
1981	533 AT 23:15 EST ON FEB 23	464 ON FEB 24	1.52 ON AUG 26	690 000	1981
1982	584 AT 06:57 EST ON APR 1	549 ON APR 1	1.65 ON AUG 22	674 000	1982
1983	112 AT 01:03 EST ON DEC 14	105 ON DEC 14	1.42 ON JUL 30	573 000	1983
1984	318 AT 08:22 EST ON DEC 30	306 ON FEB 16	1.27 ON AUG 26	768 000	1984
1985	612 AT 13:39 EST ON APR 6	481 ON APR 6	1.60 ON AUG 14	1 100 000	1985
1986	375 AT 21:00 EST ON SEP 12	347 ON SEP 13	2.62 ON AUG 21	1 090 000	1986
1987	156 AT 21:53 EST ON MAR 24	155 ON MAR 24	2.18 ON JUN 21	641 000	1987
1988	---	253 ON MAR 28	0.860E ON JUL 28	684 000	1988
				707 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.3	22.0	---	---	1945
1946	---	---	89.8	13.1	7.46	5.07	2.80	1.16	1.11	1.27	3.36	4.42	---	1946
1947	---	---	---	186	51.0	55.6	13.8	8.60	2.89	1.46	4.84	22.4	---	1947
1948	11.3	17.3	166	40.1	21.8	3.99	3.35	2.18	0.829	1.82	5.88	4.79	23.4	1948
1949	23.4	36.8	75.5	23.0	8.45	2.23	3.61	1.00	1.44	7.28	7.68	77.2	22.1	1949
1950	66.2	13.0	78.3	100	8.09	8.55	10.2	2.77	2.39	3.77	18.0	48.6	30.2	1950
1951	57.6	44.6	83.2	90.9	15.7	7.87	7.06	2.98	3.42	17.3	47.2	26.1	33.5	1951
1952	54.8	25.8	60.4	74.7	17.2	3.81	2.09	2.35	1.76	1.17	4.08	18.0	22.2	1952
1953	25.6	17.9	72.2	19.6	41.8	25.6	4.85	1.41	2.61	2.41	2.82	11.2	19.1	1953
1954	12.1	80.9	94.7	57.2	12.3	4.25	1.04	1.52	3.20	79.1	21.4	26.8	33.4	1954
1955	32.8	17.6	81.5	70.6	14.1	7.37	1.53	0.946	0.630	2.93	10.1	18.0	21.4	1955
1956	8.43	6.16	55.5	98.9	66.5	9.76	10.4	3.86	10.3	6.77	6.76	33.3	26.4	1956
1957	28.3	36.8	58.8	37.1	14.4	12.8	18.2	1.52	5.76	6.76	31.3	58.4	25.6	1957
1958	13.1	7.26	36.1	26.3	6.97	2.02	1.42	0.557	2.62	1.33	8.77	3.97	9.12	1958
1959	13.0	15.0	68.8	141	28.8	6.24	3.80	2.67	5.64	11.3	46.2	35.0	31.5	1959
1960	21.3	15.8	12.9	134	65.4	16.6	3.82	1.68	1.11	1.21	4.56	3.67	22.6	1960
1961	2.72	15.0	48.3	26.3	25.7	6.56	4.38	2.92	2.54	1.84	7.45	17.8	13.7	1961
1962	5.67	8.47	65.8	48.7	9.21	3.21	1.38	1.28	1.61	2.83	7.18	22.1	14.7	1962
1963	7.71	4.85	74.5	35.0	20.4	4.07	1.72	1.71	1.20	1.33	4.71	3.44	13.5	1963
1964	19.8	16.0	47.2	31.6	8.62	2.78	2.19	10.2	3.71	4.41	5.23	30.5	15.2	1964
1965	22.5	58.4	47.9	91.3	23.3	3.89	2.46	3.52	3.43	37.2	31.0	62.4	32.1	1965
1966	27.2	36.5	63.0	37.8	17.9	17.5	1.97	1.66	2.32	3.24	12.1	48.8	22.5	1966
1967	36.2	22.4	52.9	88.3	14.7	25.0	13.5	4.51	3.63	26.3	60.8	56.9	33.8	1967
1968	17.5	76.1	84.4	29.8	13.6	6.30	3.47	14.0	9.09	16.9	31.0	40.7	26.7	1968
1969	43.6	41.1	54.2	104	48.5	10.8	4.98	2.30	1.46	3.76	17.2	12.2	28.6	1969
1970	8.79	12.2	19.2	97.1	17.9	4.75	6.87	3.28	3.89	8.64	13.9	28.5	18.7	1970
1971	13.5	15.3	47.6	103	10.8	7.46	3.42	2.78	2.74	2.21	2.83	14.0	18.7	1971
1972	17.1	11.8	37.6	112	14.4	12.8	8.53	2.91	2.05	8.32	15.6	34.9	23.1	1972
1973	84.5	22.3	80.5	29.5	22.7	10.2	3.77	2.97	1.80	2.18	11.0	17.2	22.5	1973
1974	45.0	23.3	89.0	64.4	56.8	8.87	3.58	1.76	1.45	2.56	11.5	7.53	24.7	1974
1975	26.9	26.2	62.1	106	18.5	9.34	3.55	38.2	25.8	13.0	17.9	47.8	33.0	1975
1976	22.8	62.5	184	42.9	28.5	5.21	9.76	3.37	5.62	8.10	14.6	11.8	31.5	1976
1977	7.49	7.23	135	31.0	6.88	3.12	2.85	16.6	22.7	42.3	35.0	33.8	26.6	1977
1978	14.5	12.8	29.6	123	18.1	8.42	2.87	2.20	7.28	11.5	10.6	14.0	21.1	1978
1979	20.6	8.45	129	97.2	20.3	8.02	3.53	2.63	1.62	7.40	31.2	62.7	31.9	1979
1980	17.7	6.32	72.4	85.8	15.9	7.88	4.18	3.68	6.23	13.9	11.8	27.8	21.7	1980
1981	9.26	110	34.1	22.3	19.7	7.49	3.29	3.61	14.4	34.9	22.8	17.8	24.3	1981
1982	12.7	5.49	61.6	119	9.13	16.9	5.19	5.12	5.81	6.75	41.1	73.0	30.2	1982
1983	20.8	27.2	25.3	31.8	39.8	13.0	3.74	4.00	11.1	13.8	21.1	35.2	20.6	1983
1984	12.9	110	51.3	33.4	10.5	17.8	5.25	2.60	5.76	4.44	26.5	46.7	27.1	1984
1985	22.7	56.2	132	101	15.0	8.14	4.49	8.21	14.9	21.7	44.1	25.2	37.6	1985
1986	32.3	14.1	106	30.7	19.4	11.3	5.83	8.98	85.6	74.1	19.6	25.5	36.3	1986
1987	15.0	9.19	69.2	38.2	8.91	6.67	---	---	---	---	---	---	---	1987
MEAN	23.4	28.8	70.2	68.3	21.4	8.89	5.00	4.62	7.18	13.1	18.4	28.2	25.0	MEAN

LOCATION - LAT 43 49 30 N DRAINAGE AREA, 1 780 km²
LONG 81 29 26 W REGULATED

REMARKS - STATION DISCONTINUED JUL 27 1987

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	408 ON MAR 8	0.425 ON AUG 8	---	1946
1947	---	682 ON APR 7	---	---	1947
1948	---	881 ON MAR 20 *	0.396 ON SEP 28	739 000	1948
1949	---	408 ON MAR 23	0.588 ON AUG 22	896 000	1949
1950	---	581 ON APR 5	0.765 ON AUG 24	952 000	1950
1951	---	309 ON JAN 5	1.27 ON AUG 26	1 060 000	1951
1952	---	226 ON APR 2	0.566 ON OCT 11	702 000	1952
1953	---	188 ON MAY 27	0.765 ON AUG 31	601 000	1953
1954	---	538 ON OCT 17	0.396 ON JUL 13	1 080 000	1954
1955	---	270 ON MAR 12	0.057 ON JUL 30 *	674 000	1955
1956	---	379 ON APR 5	0.765 ON AUG 27	836 000	1956
1957	---	262 ON DEC 22	0.396 ON AUG 27	808 000	1957
1958	---	118 ON MAR 30	0.057 ON AUG 15	288 000	1958
1959	---	453 ON APR 6	0.765 ON JUL 17	893 000	1959
1960	---	526 ON APR 4	0.385 ON SEP 5	714 000	1960
1961	---	88.8 ON MAR 7	0.850 ON SEP 24	430 000	1961
1962	---	384 ON MAR 30	0.782 ON JUL 15	463 000	1962
1963	---	479 ON MAR 28	0.920 ON SEP 15	428 000	1963
1964	---	144 ON MAR 6	0.934 ON JUL 6	481 000	1964
1965	---	270 ON APR 12	1.03 ON AUG 5	1 010 000	1965
1966	---	265 ON DEC 8	0.889 ON JUL 31	709 000	1966
1967	433 AT 06 00 EST ON MAR 31	405 ON MAR 31	1.44 ON SEP 20	1 070 000	1967
1968	640 AT 00 30 EST ON FEB 3	524 ON FEB 3	1.63 ON AUG 4	846 000	1968
1969	456 AT 21 40 EST ON APR 5	377 ON APR 6	1.29 ON SEP 11	901 000	1969
1970	286 AT 02 46 EST ON APR 11	265 ON APR 10	1.81 ON AUG 17	589 000	1970
1971	257 AT 17 00 EST ON APR 10	251 ON APR 10	1.22 ON OCT 31	590 000	1971
1972	413 AT 19 32 EST ON APR 15	386 ON APR 15	1.48 ON SEP 23	732 000	1972
1973	248 AT 08 14 EST ON JAN 1	236 ON JAN 1	1.21 ON SEP 15	710 000	1973
1974	416 AT 01 54 EST ON MAY 18	384 ON MAY 18	1.06 ON AUG 25	778 000	1974
1975	816 AT 22 40 EST ON APR 19 *	643 ON APR 20	1.91 ON AUG 21	1 040 000	1975
1976	694 A 22 29 EST ON MAR 21	568 ON MAR 21	2.20 ON AUG 26	889 000	1976
1977	773 A 08 30 EST ON MAR 14	719 ON MAR 14	0.980 ON JUL 28	907 000	1977
1978	323 AT 11 21 EST ON APR 12	314 ON APR 12	1.66 ON SEP 7	666 000	1978
1979	546 AT 23 22 EST ON APR 14	464 ON APR 15	1.28 ON SEP 9	1 010 000	1979
1980	336 AT 15 48 EST ON MAR 22	325 ON MAR 22	1.68 ON AUG 27	886 000	1980
1981	541 AT 23 50 EST ON FEB 23	515 ON FEB 24	1.85 ON AUG 26	768 000	1981
1982	571 AT 11 15 EST ON APR 1	531 ON APR 1	2.91 ON AUG 22	952 000	1982
1983	122 AT 02 00 EST ON DEC 14	118 ON DEC 14	2.09 ON JUL 30	548 000	1983
1984	359 AT 20 00 EST ON FEB 15	313 ON FEB 16	1.68 ON AUG 27	855 000	1984
1985	521 AT 15 15 EST ON APR 6	486 ON APR 6	2.04 ON AUG 14	1 190 000	1985
1986	326 AT 06 38 EST ON MAR 20	310 ON MAR 20	3.23 ON AUG 22	1 150 000	1986
1987	162 AT 23 08 EST ON MAR 24	159 ON MAR 24	2.74 ON JUN 20	---	1987
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		788 000	MEAN

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	0.287	1.01	1.82	1.27	0.820	---	1981
1982	0.548	0.217	3.24	5.95	0.413	0.852	0.205	0.170	0.289	0.275	2.87	4.87	1.76	1982
1983	0.979	1.48	2.05	2.11	2.39	0.542	0.210	0.120	0.278	0.619	1.11	1.64	1.13	1983
1984	0.650	7.51	2.76	1.86	0.857	0.852	0.285	0.103	0.185	0.175	1.43	3.85	1.87	1984
1985	0.916	3.76	7.15	5.72	0.956	0.545	0.197	0.130	0.582	0.902	3.12	1.37	2.09	1985
1986	1.00	0.674	7.89	1.70	1.50	0.817	0.308	0.221	5.50	4.43	1.11	1.25	2.22	1986
1987	0.898	0.450	3.78	2.13	0.280	0.303	0.448	0.161	0.115	0.373	1.92	2.30	1.10	1987
1988	1.27	1.82	4.14	1.82	0.860	0.180	0.059	0.068	0.047	0.823	1.89	1.20	1.18	1988
MEAN	0.895	2.29	4.44	3.18	1.02	0.599	0.245	0.158	0.893	1.15	1.84	2.18	1.69	MEAN

LOCATION - LAT 43 54 12 N
LONG 80 53 33 W

DRAINAGE AREA, 112 km^2
NATURAL FLOW

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.066 ON AUG 27	---	1981
1982	57.3 AT 20 16 EST ON MAR 31 *	45.0 ON MAR 31 *	0.088 ON AUG 18	65 400	1982
1983	8.29 AT 00 36 EST ON APR 11	5.89 ON APR 15	0.046 ON SEP 14	35 500	1983
1984	45.9 AT 21 06 EST ON DEC 29	40.3 ON FEB 15	0.078 ON AUG 21	52 700	1984
1985	44.8 AT 03 18 EST ON APR 6	37.7 ON APR 6	0.031 ON AUG 11	85 000	1985
1986	39.8 AT 03 53 EST ON MAR 20	35.0 A ON MAR 19	0.080 ON AUG 22	70 000	1986
1987	13.4 AT 02 56 EST ON APR 6	11.1 ON APR 6	0.044 ON SEP 18	34 700	1987
1988	---	20.9 ON MAR 25	0.026 ON JUL 10 *	37 300	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		60 200	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

MAJOR CREEK ABOVE GREEN RIVER - STATION NO 02HC037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.023	0	0	0.003	0.018	0.018	---	1974
1975	0.036	0.098	0.083	0.083	0.044	0.007	0	0.001	0.002	0.002	0.008	0.024	0.033	1975
1976	0.017	0.031	0.175	0.082	0.051	0.008	---	---	---	---	---	---	---	1976
MEAN	0.027	0.064	0.129	0.078	0.048	0.008	0.012	0.001	0.001	0.003	0.014	0.020	0.033	MEAN

LOCATION - LAT 43 54 20 N
LONG 79 11 27 W
DRAINAGE AREA 4.82 km²
NATURAL FLOW

MAJOR CREEK ABOVE GREEN RIVER - STATION NO 02HC037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	0 ON JUL 14 *	---	1974
1975	2.17 AT 19 19 EST ON FEB 24	1.29 ON FEB 24 *	0 ON JUN 26	1 030	1975
1976	3.20 AT 16 01 EST ON MAR 20 *	1.10 ON MAR 20	0.003 ON JUN 8	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 030	MEAN

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO 05PB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	--	---	---	7.34	6.01	5.35	5.88	5.52	---	1914
1915	5.23	5.23	5.20	5.44	7.19	7.89	8.23	7.47	6.03	5.74	---	---	---	1915
MEAN	5.23	5.23	5.20	5.44	7.19	7.89	8.23	7.41	6.02	6.05	5.88	5.52	---	MEAN

LOCATION - LAT 48 58 30 N
LONG 83 20 30 W
DRAINAGE AREA 1 380 km²
REGULATED

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO 05PB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	9.87 ON JUN 30 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO 02HG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	1 27	4 81	5 32	---	1982
1983	1 49	2 30	3 47	3 00	3 05	0 453	0 111	0 122	0 078	0 219	1 00	0 841	1 35	1983
1984	0 386	5 81	5 24	5 40	1 87	0 298	0 247	0 114	0 281	0 348	0 695	0 918	1 84	1984
1985	1 01	3 00	8 09	4 58	0 910	0 419	0 486	0 329	0 878	1 05	5 14	1 94	2 28	1985
1986	1 78	0 848	9 57	2 91	1 87	2 06	0 405	0 476	3 81	3 26	1 08	1 17	2 38	1986
1987	0 786	0 418	6 18	4 58	0 830	0 252	0 500	0 032	0 014	0 130	0 870	2 43	1 38	1987
1988	1 08	1 38	2 83	2 87	1 24	0 133	0 088	0 044	0 089	0 318	1 42	0 898	1 00	1988
MEAN	1 00	2 42	5 80	3 89	1 80	0 801	0 302	0 188	0 836	0 842	2 13	3 00	1 71	MEAN

LOCATION - LAT 44 17 20 N
LONG 78 50 30 W
DRAINAGE AREA 188 km²
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 08 1982

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO 02HG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	8 86 AT 04 46 EST ON MAY 3	7 88 ON MAR 20	0 088 ON SEP 13	42 800	1983
1984	18 5 B AT 05 27 EST ON FEB 20	17 5 B ON FEB 20	0 089 ON AUG 17	58 200	1984
1985	---	19 0 B ON FEB 25	0 074E ON AUG 5	72 000	1985
1986	--	31 1 B ON MAR 20 *	0 183 ON JUL 25	75 400	1986
1987	19 8 AT 09 47 EST ON APR 5 *	18 2 ON APR 5	0 ON SEP 2 *	43 800	1987
1988	---	12 0 ON MAR 27	0 020 ON AUG 22	31 700	1988
				53 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	1.27	0.623	1.98	---	1947
1948	2.12	---	---	---	---	0	1.36	1.28	---	1.94	0	3.80	---	1948
1949	5.33	4.65	2.36	25.8	3.71	9.01	3.07	1.41	1.42	1.99	1.30	5.36	5.08	1949
1950	4.01	0.829	0.570	5.69	12.1	0	0	0	0.817	4.46	3.96	0	2.73	1950
1951	3.61	0.623	0.878	11.2	5.09	0.045	0.201	0	0	11.2	11.6	4.48	4.18	1951
1952	2.27	11.9	3.76	20.7	5.02	3.83	0	0.293	2.90	2.88	1.57	5.08	5.28	1952
1953	2.96	1.46	17.0	17.4	2.56	2.20	0.068	2.21	2.36	3.50	0.983	1.82	4.64	1953
1954	1.30	0.983	2.90	---	5.49	9.41	3.52	0.105	0.326	11.5	3.51	4.56	---	1954
1955	2.44	5.57	2.70	14.5	0.084	0.106	1.28	9.91	0	1.78	10.5	1.18	4.37	1955
1956	3.36	5.34	1.79	1.37	15.4	4.51	0.509	0.648	3.07	7.16	2.55	3.89	4.22	1956
1957	7.00	2.51	3.16	9.00	2.17	2.71	10.8	0.287	3.34	3.75	12.4	3.45	5.05	1957
1958	5.41	4.23	5.92	3.72	0.202	1.84	4.31	3.87	3.11	5.07	1.95	1.24	3.65	1958
1959	4.04	4.64	1.98	3.33	11.7	2.59	0.988	3.58	4.96	1.41	5.51	4.58	4.19	1959
1960	3.19	7.05	2.68	12.1	16.3	0.123	5.12	5.26	1.78	2.67	10.0	4.01	5.84	1960
1961	5.32	2.60	1.19	1.78	5.78	5.68	1.41	0.227	2.14	4.50	0.910	0.826	3.37	1961
1962	5.54	1.38	1.16	7.50	16.1	0	0.282	2.57	1.90	0.575	2.76	0.850	3.41	1962
1963	0.481	0.481	0.481	14.7	2.94	3.00	0.484	3.26	3.15	5.25	1.41	0.623	3.10	1963
1964	0.623	0.623	0.623	4.89	5.97	5.92	3.40	3.32	2.93	4.92	5.16	7.15	3.88	1964
1965	4.13	1.38	0.983	2.08	14.8	0.356	0.667	2.87	11.3	9.74	5.69	5.52	5.06	1965
1966	7.44	5.89	2.25	3.42	4.94	4.38	1.65	1.16	1.68	2.33	5.46	12.5	4.51	1966
1967	5.73	8.17	1.38	12.0	16.8	8.58	1.46	1.80	8.38	3.91	13.5	2.32	6.65	1967
1968	3.11	4.44	1.31	7.83	12.5	0.477	0.807	1.46	1.85	0.406	7.81	3.65	3.82	1968
1969	3.20	1.54	1.38	10.6	8.02	4.07	0.324	0	0	1.70	8.30	6.11	3.82	1969
1970	8.36	2.85	1.38	5.80	23.5	5.83	15.5	2.29	0.280	5.03	4.25	3.08	5.58	1970
1971	8.86	2.58	1.50	4.88	5.40	0.627	0	0.988	0.982	0.085	0	3.47	2.26	1971
1972	8.19	6.56	1.54	2.31	12.5	1.60	4.80	10.0	5.91	0.838	1.66	7.18	5.38	1972
1973	2.82	1.46	1.45	6.36	8.00	2.77	1.49	0.130	0	3.54	9.68	5.20	3.66	1973
1974	1.60	1.38	0.811	3.03	13.8	4.45	2.18	3.08	2.56	0.530	9.35	4.38	3.95	1974
1975	3.84	6.53	1.38	0.852	8.33	0.081	0.024	0	0	0	0.393	8.18	2.95	1975
1976	7.08	1.82	3.32	6.28	9.80	2.23	0.452	0	---	---	---	---	---	1976
MEAN	4.36	3.62	2.53	8.12	9.37	2.81	2.32	2.13	2.48	3.81	4.98	4.03	4.27	MEAN

LOCATION - LAT 48 42 43 N
LONG 79 44 13 W

DRAINAGE AREA, 295 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	40.8 ON APR 24	0 ON MAY 6 *	150 000	1949
1950	---	21.5 ON MAY 10	0 ON MAY 24	86 100	1950
1951	---	27.3 ON APR 24	0 ON JAN 1	132 000	1951
1952	---	48.4 ON APR 24 *	0 ON JUN 17	187 000	1952
1953	---	42.8 ON MAR 30	0 ON MAY 2	143 000	1953
1954	---	---	---	---	1954
1955	---	32.3 ON APR 19	0 ON APR 28	138 000	1955
1956	---	28.0 ON MAY 18	0 ON APR 12	134 000	1956
1957	---	32.3 ON APR 28	0.113 ON MAY 6	189 000	1957
1958	---	18.7 ON MAR 12	0 ON APR 18	115 000	1958
1959	---	21.7 ON MAY 8	0 ON APR 15	132 000	1959
1960	---	32.0 ON APR 28	0 ON JUN 14	188 000	1960
1961	---	18.5 ON MAY 10	0 ON APR 20	107 000	1961
1962	---	43.6 ON MAY 6	0 ON MAY 23	187 000	1962
1963	---	34.0 ON APR 21	0 ON JUL 30	97 700	1963
1964	---	18.5 ON APR 27	0.057 ON DEC 30	123 000	1964
1965	---	34.8 ON SEP 25	0 ON JUN 26	180 000	1965
1966	---	24.7 ON NOV 29	0 ON APR 20	142 000	1966
1967	---	30.6 ON NOV 4	0 ON DEC 1	210 000	1967
1968	---	21.6 ON MAY 2	0 ON APR 4	121 000	1968
1969	---	21.7 ON APR 30	0 ON JUL 21	116 000	1969
1970	---	36.2 ON MAY 8	0 ON MAY 28	207 000	1970
1971	---	21.7 ON MAY 3	0 ON JUN 25	72 100	1971
1972	---	34.8 ON MAY 8	0.057 ON JUN 14	170 000	1972
1973	---	18.5 ON MAY 5	0 ON MAY 31	116 000	1973
1974	---	27.1 ON MAY 3	0 ON APR 18	104 000	1974
1975	---	28.3 ON MAY 7	0 ON APR 25	80 300	1975
1976	---	16.8 ON APR 23	0 ON APR 2	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	8.33	4.46	3.86	---	1946
1947	8.10	10.9	20.3	11.0	48.2	37.5	5.83	7.30	8.86	3.78	8.78	7.66	14.8	1947
1948	11.8	8.37	8.24	2.11	3.98	10.0	8.26	9.48	10.7	6.86	3.34	4.14	7.36	1948
1949	8.36	7.84	10.3	5.77	14.0	16.7	11.9	10.6	7.91	6.69	6.86	5.78	9.16	1949
1950	7.44	8.82	13.4	7.16	0.561	3.13	6.71	5.37	5.86	5.50	4.20	2.03	5.74	1950
1951	11.9	12.9	20.7	6.86	19.9	0.849	7.19	3.38	2.93	28.0	24.4	14.6	12.6	1951
1952	12.6	14.3	18.0	2.37	33.2	6.12	0.491	6.30	9.05	8.25	7.26	4.86	9.24	1952
1953	13.5	13.8	20.8	34.0	4.92	7.86	2.94	1.27	0.688	0.898	6.76	0	8.86	1953
1954	7.53	9.61	15.1	10.3	10.1	27.8	9.01	5.10	9.93	22.5	15.3	17.7	13.3	1954
1955	14.1	12.0	23.7	0	0.080	3.98	2.43	1.83	2.96	14.5	24.3	10.3	9.21	1955
1956	15.4	21.8	15.8	0	8.85	14.9	13.1	6.95	6.38	18.2	11.2	13.6	12.2	1956
1957	14.8	14.7	13.7	6.59	14.2	7.71	22.6	7.41	8.77	11.1	15.1	20.7	13.0	1957
1958	15.0	16.1	12.8	1.16	2.09	7.28	7.84	7.80	1.05	5.89	11.8	8.46	8.05	1958
1959	11.2	16.0	28.9	5.37	12.2	13.1	9.19	8.47	5.82	12.4	11.2	14.7	12.3	1959
1960	15.4	18.2	33.2	9.66	37.5	8.02	20.7	5.57	11.4	13.5	10.1	11.6	16.4	1960
1961	15.6	16.1	15.3	2.35	0.914	10.8	14.5	3.88	10.8	8.26	14.2	13.3	10.5	1961
1962	15.2	16.9	24.3	1.09	6.33	7.95	10.1	0.830	1.65	5.79	6.29	4.90	8.57	1962
1963	10.1	10.5	6.75	0	0	9.29	0	0.137	6.27	8.37	5.09	6.59	5.30	1963
1964	10.2	13.6	13.9	7.21	3.76	11.5	3.82	2.87	1.85	6.82	13.0	10.2	8.05	1964
1965	13.9	15.1	13.5	5.69	0.107	9.05	6.29	0.717	14.7	15.4	12.9	10.7	9.88	1965
1966	11.1	17.7	12.7	6.42	11.7	14.1	7.28	0.038	3.56	3.88	9.51	15.2	9.05	1966
1967	9.51	14.3	23.0	9.82	17.4	16.2	8.61	7.34	4.75	2.12	1.88	10.5	10.6	1967
1968	12.6	13.9	13.2	0.171	3.88	7.30	8.03	7.04	6.45	9.48	8.05	8.00	8.07	1968
1969	7.43	4.52	3.68	1.42	1.26	3.48	3.53	6.22	4.37	4.78	4.89	6.32	4.31	1969
1970	8.75	13.2	15.5	3.72	9.85	22.3	8.19	2.47	4.78	12.0	13.1	15.1	10.7	1970
1971	13.3	16.4	16.7	10.3	2.25	10.2	5.56	7.80	2.43	0.446	0.809	2.43	7.26	1971
1972	7.06	9.21	9.78	6.09	7.41	3.13	0.874	5.09	5.37	0	0	4.41	4.86	1972
1973	4.83	4.87	11.2	2.34	14.3	4.25	1.40	0	0	3.27	1.70	0.091	4.04	1973
1974	8.06	8.06	22.4	0.504	11.3	23.7	11.4	10.8	8.15	4.84	17.2	12.8	11.4	1974
1975	14.7	18.9	21.4	7.28	3.26	7.90	3.43	2.37	5.03	8.91	5.88	8.91	9.00	1975
1976	8.34	16.2	24.0	3.40	16.4	2.16	0.740	0	1.80	3.14	4.36	2.38	7.15	1976
1977	14.6	17.5	8.01	6.01	8.85	3.70	3.90	7.84	8.15	9.81	10.2	14.8	9.33	1977
1978	20.4	20.0	17.2	2.58	0.260	5.79	5.03	4.31	12.7	15.3	11.4	12.6	10.8	1978
1979	17.9	24.5	16.3	5.00	27.8	17.1	8.17	9.26	9.81	5.87	7.86	21.5	14.0	1979
1980	13.4	20.8	16.3	6.59	16.8	5.81	4.58	3.05	5.62	10.2	9.76	12.7	10.5	1980
1981	14.3	21.2	16.0	21.9	5.53	11.1	11.9	5.46	6.75	10.4	11.8	14.5	12.7	1981
1982	19.5	22.3	19.6	5.12	0.010	2.19	2.96	1.89	7.07	10.6	13.0	15.7	9.96	1982
1983	15.4	24.6	4.48	0.003	19.7	6.89	4.20	2.80	3.48	8.83	1.24	7.73	8.22	1983
1984	13.9	20.8	19.1	0	11.4	23.1	10.5	11.2	10.8	7.10	14.8	23.4	13.8	1984
1985	17.0	21.8	15.3	1.08	28.8	2.20	2.37	7.27	7.03	4.10	5.22	8.65	10.1	1985
1986	11.6	20.5	12.7	0	13.7	11.1	4.50	3.57	7.08	11.0	12.0	12.7	9.96	1986
1987	14.3	18.5	12.8	0	0	0	0	0.016	0	0	5.04	8.60	4.96	1987
1988	14.2	12.4	13.8	8.54	19.4	3.32	1.53	1.23	7.32	12.4	25.4	18.7	11.4	1988
MEAN	12.4	15.2	16.6	5.40	11.1	10.1	6.63	4.75	6.17	8.82	9.51	10.4	9.68	MEAN

LOCATION - LAT 47 01 44 N
LONG 79 35 14 W

DRAINAGE AREA, 748 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	71.8 ON MAY 10	0 ON APR 13 *	467 000	1947
1948	---	18.6 ON MAY 28	0 ON APR 11	233 000	1948
1949	---	41.6 ON JUN 28	0 ON APR 6	288 000	1949
1950	---	18.2 ON MAR 10	0 ON APR 21	181 000	1950
1951	---	66.8 ON MAY 2	0 ON APR 4	405 000	1951
1952	---	33.7 ON MAY 3	0 ON APR 4	282 000	1952
1953	---	44.2 ON APR 14	0 ON MAY 13	278 000	1953
1954	---	67.7 ON OCT 18	0 ON JAN 1	421 000	1954
1955	---	46.2 ON NOV 1	0 ON MAR 24	290 000	1955
1956	---	43.0 ON MAY 29	0 ON MAR 24	384 000	1956
1957	---	78.5 ON JUL 1	0 ON MAR 28	408 000	1957
1958	---	32.3 ON NOV 4	0 ON APR 23	254 000	1958
1959	---	35.1 ON MAR 16	0 ON APR 9	388 000	1959
1960	---	78.7 ON MAY 13	0 ON APR 19	518 000	1960
1961	---	20.0 ON MAR 22	0 ON APR 8	332 000	1961
1962	---	32.3 ON MAR 15	0 ON APR 3	270 000	1962
1963	---	25.2 ON JUN 20	0 ON MAR 24	187 000	1963
1964	---	32.0 ON JUN 15	0 ON APR 21	254 000	1964
1965	---	50.3 ON SEP 24	0 ON APR 14	311 000	1965
1966	---	35.1 ON JUN 11	0 ON APR 13	287 000	1966
1967	---	49.3 ON JUN 17	0 ON APR 19	336 000	1967
1968	---	20.4 ON MAR 15	0 ON MAR 28	255 000	1968
1969	---	25.9 ON SEP 23	0 ON JAN 18	136 000	1969
1970	---	106 ON JUN 3 *	0 ON APR 24	338 000	1970
1971	---	24.6 ON JUN 28	0 ON APR 28	230 000	1971
1972	---	33.7 ON MAY 25	0 ON APR 21	164 000	1972
1973	---	39.9 ON MAY 11	0 ON APR 8	127 000	1973
1974	---	40.2 ON MAR 12	0 ON APR 18	381 000	1974
1975	---	28.3 ON APR 2	0 ON APR 11	284 000	1975
1976	---	39.9 ON MAY 22	0 ON APR 7	226 000	1976
1977	---	37.4 ON APR 29	0 ON MAR 18	294 000	1977
1978	---	28.6 ON FEB 8	0 ON APR 27	334 000	1978
1979	---	68.3 ON MAY 1	0 ON APR 4	443 000	1979
1980	---	36.5 ON MAY 7	0 ON APR 10	332 000	1980
1981	---	44.0 ON APR 21	0 ON APR 3	389 000	1981
1982	---	32.2 ON FEB 10	0 ON APR 15	314 000	1982
1983	---	67.8 ON MAY 6	0 ON MAR 19	259 000	1983
1984	---	57.0 ON MAY 30	0 ON MAR 30	437 000	1984
1985	---	55.3 ON MAY 4	0 ON APR 4	519 000	1985
1986	---	35.0 ON JAN 31	0 ON MAR 27	315 000	1986
1987	---	31.1 ON MAR 7	0 ON MAR 25	157 000	1987
1988	---	33.0 ON NOV 23	0 ON MAR 30	381 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		306 000	MEAN

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	193	187	222	---	1983
1984	175	165	193	667	1 620	930	455	286	312	635	463	317	526	1984
1985	168	180	184	256	1 630	378	224	258	498	740	338	230	447	1985
1986	193	224	211	675	1 430	726	245	245	230	680	446	406	495	1986
1987	227	242	186	1 310	2 090	726	315	301	144	187	256	170	515	1987
1988	162	149	181	1 360	868	687	801	296	388	537	325	205	481	1988
1989	190	193	206	757	1 490	581	340	216	294	448	391	230	448	1989
1970	155	150	161	251	1 230	784	500	255	257	226	241	208	370	1970
1971	178	144	188	475	1 740	562	280	227	313	294	380	252	420	1971
1972	167	171	194	228	1 670	850	420	255	251	414	246	158	421	1972
1973	178	168	245	908	1 290	539	507	432	444	356	283	195	483	1973
1974	158	161	227	232	1 850	824	373	216	231	522	380	180	448	1974
1975	161	152	178	314	1 180	831	188	101	77.8	118	308	240	322	1975
1976	167	140	210	1 380	1 310	338	196	155	103	94.2	81.3	76.4	354	1976
1977	108	112	207	1 040	763	281	224	101	415	308	425	208	350	1977
1978	154	145	178	178	1 780	871	665	217	261	612	258	172	465	1978
1979	135	133	203	880	2 740	1 010	347	219	268	658	544	301	623	1979
1980	175	161	182	889	1 140	510	240	136	155	385	228	133	345	1980
1981	123	150	227	1 030	1 650	532	226	77.6	126	202	238	148	374	1981
1982	130	152	175	296	1 400	286	448	180	363	686	693	313	442	1982
1983	165	158	228	378	2 170	1 190	282	135	318	443	285	207	500	1983
1984	173	166	187	883	734	672	803	214	118	176	350	280	395	1984
1985	167	158	184	721	1 350	483	428	248	128	288	357	218	400	1985
1986	146	137	173	888	1 030	281	190	290	356	591	389	210	387	1986
1987	157	143	189	583	367	324	320	253	113	277	256	191	265	1987
1988	150	144	134	736	1 450	381	178	480	280	332	855	433	482	1988
MEAN	166	162	194	692	1 430	625	368	231	258	418	353	223	429	MEAN

LOCATION - LAT 50 00 15 N
LONG 82 10 00 W

DRAINAGE AREA, 34 700 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	3 540 ON MAY 1	104 ON JAN 18	18 800 000	1984
1985	---	2 730 ON MAY 18	64.4 ON MAR 31	14 150 000	1985
1986	---	2 320 ON OCT 19	89.1 ON MAR 4	15 500 000	1986
1987	---	3 340 ON MAY 4	35.7 ON SEP 4	18 200 000	1987
1988	---	2 850 ON APR 20	44.2 ON FEB 4	15 250 000	1988
1989	---	2 470 ON MAY 8	27.9 ON DEC 25	14 100 000	1989
1970	---	2 420 ON MAY 3	9.83 ON JAN 1	11 750 000	1970
1971	---	2 340 ON MAY 14	32.3 ON JUL 18	13 200 000	1971
1972	---	2 340 ON MAY 3	64.6 ON APR 8	13 300 000	1972
1973	---	2 280 ON APR 23	75.0 ON DEC 25	14 800 000	1973
1974	---	2 170 ON MAY 15	0 ON APR 14 *	14 200 000	1974
1975	---	2 010 ON MAY 4	0 ON SEP 1	10 200 000	1975
1976	---	3 710 ON APR 24	0 ON SEP 8	11 200 000	1976
1977	---	2 820 ON APR 24	43.8 ON JAN 1	11 000 000	1977
1978	---	3 430 ON MAY 15	84.4 ON DEC 25	14 500 000	1978
1979	---	5 070 ON MAY 11 *	85.1 ON JAN 1	13 700 000	1979
1980	---	2 880 ON MAY 1	46.4 ON DEC 25	10 900 000	1980
1981	---	2 600 ON MAY 7	3.96 ON SEP 8	11 500 000	1981
1982	---	2 880 ON MAY 5	45.0 ON SEP 7	13 605 000	1982
1983	---	2 630 ON MAY 27	37.9 ON SEP 5	15 500 000	1983
1984	---	1 810 ON JUN 29	48.5 ON SEP 4	12 500 000	1984
1985	---	3 380 ON APR 27	35.2 ON DEC 25	12 500 000	1985
1986	---	2 140 ON APR 30	26.5 ON JAN 1	12 205 000	1986
1987	---	1 270 ON APR 20	13.5 ON JUL 1	8 350 000	1987
1988	---	2 530 ON MAY 3	52.3 ON MAR 9	14 500 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 500 000	MEAN

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	---	314	376	312	---	1926
1927	182	136	159	856	1 680	588	292	218	178	546	306	186	464	1927
1928	134	108	117	313	2 650	1 280	788	438	978	1 220	773	288	762	1928
1929	177	117	137	588	1 320	968	407	237	388	528	805	194	474	1929
1930	130	127	139	348	1 760	802	682	207	148	343	208	144	412	1930
1931	117	104	110	473	1 080	388	233	124	126	288	576	320	327	1931
1932	200	188	170	386	1 260	288	337	272	424	801	487	206	384	1932
1933	158	164	136	883	1 610	506	187	162	142	132	171	98.6	347	1933
1934	83.9	116	105	118	1 820	661	239	184	414	297	434	338	401	1934
1935	143	131	147	432	1 230	848	392	318	227	538	252	141	385	1935
1936	112	109	116	183	2 230	742	218	101	116	198	175	112	388	1936
1937	83.4	105	118	416	1 350	383	436	469	231	483	435	281	389	1937
1938	128	133	178	1 180	1 540	1 120	397	460	203	143	188	184	487	1938
1939	147	132	123	210	2 250	767	444	221	320	392	253	128	462	1939
1940	126	124	118	180	1 500	952	438	172	288	233	329	201	388	1940
1941	136	138	149	832	1 380	488	286	368	862	1 070	629	502	572	1941
1942	254	171	180	827	1 250	307	198	135	422	858	403	180	426	1942
1943	128	118	114	243	1 120	934	436	210	162	138	228	130	330	1943
1944	105	120	122	288	1 280	419	184	280	438	488	254	188	336	1944
1945	125	119	271	831	847	745	387	183	204	238	384	185	388	1945
1946	140	137	288	777	1 070	878	318	188	248	182	388	301	392	1946
1947	161	138	150	188	2 210	1 880	438	228	157	111	88.8	82.7	472	1947
1948	78.0	77.5	81.8	584	1 000	287	270	388	221	184	350	288	315	1948
1949	151	151	151	606	1 380	475	207	122	154	181	171	118	323	1948
1950	106	115	118	185	2 170	1 270	648	188	148	235	320	250	483	1950
1951	157	148	173	1 430	1 210	434	354	202	185	574	838	384	488	1951
1952	183	173	173	770	1 130	738	481	288	178	202	303	328	411	1952
1953	178	188	208	582	1 840	883	322	141	382	288	237	352	458	1953
1954	172	188	177	713	1 680	826	388	232	188	808	567	218	488	1954
1955	161	147	148	820	715	358	117	82.0	72.8	318	284	151	288	1955
1956	133	127	140	233	1 500	871	400	218	338	218	141	134	371	1955
1957	124	128	144	787	1 020	480	807	141	208	228	584	278	384	1957
1958	178	188	188	588	524	884	353	207	428	438	488	218	358	1958
1959	148	138	144	287	1 330	431	138	178	224	408	388	188	334	1959
1960	158	148	158	547	2 870	823	227	258	187	208	341	228	488	1960
1961	144	122	137	535	1 340	882	782	354	881	710	471	325	585	1961
1962	187	188	180	308	1 730	893	188	334	773	251	174	178	428	1962
1963	134	130	148	411	950	708	288	184	218	---	---	---	---	1963
MEAN	145	135	151	539	1 480	687	384	231	307	382	382	223	420	MEAN

LOCATION - LAT 50 03 51 N
LONG 82 08 20 W

DRAINAGE AREA, 34 700 km^2
REGULATED

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	---	---	---	1926
1927	---	3 890 ON APR 22	116 B ON MAR 1	14 300 000	1927
1928	---	3 990 ON MAY 13	103 B ON FEB 16	24 100 000	1928
1929	---	2 190 ON MAY 25	102 ON DEC 29	14 900 000	1929
1930	---	2 920 ON MAY 7	81.7 ON JUL 7	13 000 000	1930
1931	---	1 600 ON MAY 11	6.48 ON SEP 6 *	10 300 000	1931
1932	---	1 950 ON MAY 11	85.4 ON AUG 21	12 200 000	1932
1933	---	2 170 ON MAY 15	49.8 ON OCT 8	11 000 000	1933
1934	---	2 860 ON MAY 12	32.6 ON AUG 25	12 700 000	1934
1935	---	1 620 ON APR 30	72.2 ON FEB 17	12 200 000	1935
1936	---	3 480 ON MAY 14	29.7 ON SEP 6	11 700 000	1936
1937	---	2 880 ON MAY 3	22.1 ON JAN 24	12 800 000	1937
1938	---	3 090 ON APR 29	44.7 ON OCT 23	15 300 000	1938
1939	---	2 840 ON MAY 10	29.4 ON AUG 18	14 300 000	1939
1940	---	1 880 ON MAY 7	45.8 ON AUG 18	12 300 000	1940
1941	---	3 720 ON MAY 8	79.9 ON FEB 2	18 000 000	1941
1942	---	2 880 ON APR 26	46.7 ON AUG 16	13 400 000	1942
1943	---	3 050 ON MAY 8	37.7 ON MAR 21	10 400 000	1943
1944	---	2 440 ON MAY 5	28.6 ON JAN 23	10 800 000	1944
1945	---	1 580 ON MAR 31	28.9 ON AUG 12	11 600 000	1945
1946	---	2 550 ON MAY 25	52.1 ON OCT 13	12 300 000	1946
1947	---	4 380 ON MAY 19 *	24.9 ON NOV 16	14 900 000	1947
1948	---	2 350 ON APR 29	24.7 ON OCT 3	9 980 000	1948
1949	---	2 480 ON MAY 4	17.0 ON AUG 20	10 200 000	1949
1950	---	3 680 ON MAY 29	46.4 ON JAN 8	15 200 000	1950
1951	---	2 520 ON MAY 1	84.6 ON AUG 19	15 400 000	1951
1952	---	2 220 ON APR 24	123 ON FEB 24	13 000 000	1952
1953	---	2 760 ON MAY 9	48.3 ON AUG 9	14 200 000	1953
1954	---	2 730 ON MAY 3	88.2 ON SEP 19	15 700 000	1954
1955	---	2 030 ON APR 20	21.2 ON AUG 14	9 110 000	1955
1956	---	2 620 ON MAY 16	65.4 ON NOV 18	11 700 000	1956
1957	---	3 670 ON APR 28	32.6 ON SEP 1	12 400 000	1957
1958	---	1 340 ON APR 21	52.1 ON AUG 10	11 300 000	1958
1959	---	2 880 ON MAY 8	39.9 ON AUG 18	10 500 000	1959
1960	---	3 940 ON MAY 18	43.6 ON SEP 4	15 700 000	1960
1961	---	2 350 ON MAY 17	77.9 ON MAR 20	17 500 000	1961
1962	---	2 590 ON MAY 5	121 ON DEC 8	13 400 000	1962
1963	---	1 630 ON JUN 23	---	---	1963
				13 300 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	382	92.4	70.0	54.9	44.9	43.4	43.4	49.8	---	1920
1921	29.6	30.4	29.3	278	358	80.3	54.2	74.2	93.6	121	80.5	56.5	105	1921
1922	49.3	46.7	47.7	266	626	125	128	85.2	58.7	84.7	93.0	82.3	139	1922
1923	64.1	47.3	32.0	84.7	242	109	82.1	51.1	126	95.3	56.8	46.4	83.5	1923
1924	48.3	44.8	42.8	88.3	213	114	80.2	62.1	79.8	36.2	59.5	48.4	74.8	1924
1925	34.7	36.7	40.3	186	188	270	184	84.0	45.0	67.4	88.2	49.3	101	1925
1926	34.8	42.2	49.8	92.3	268	171	241	88.6	80.8	73.3	123	103	108	1926
1927	58.1	47.9	78.4	288	390	145	83.7	62.3	62.5	128	91.4	82.0	126	1927
1928	40.1	38.7	52.1	140	753	357	228	119	310	384	221	93.2	228	1928
1929	60.3	55.5	80.2	155	394	299	126	82.9	88.9	160	138	84.3	142	1929
1930	54.6	49.3	55.5	86.1	447	272	236	84.1	80.3	83.0	74.2	61.4	133	1930
1931	49.3	42.8	38.5	155	279	111	88.7	58.1	61.9	84.6	152	101	98.4	1931
1932	73.1	58.2	82.9	109	366	98.2	121	87.0	111	185	175	74.9	127	1932
1933	58.5	61.4	61.5	235	279	143	89.1	61.2	93.9	95.2	80.4	49.8	107	1933
1934	43.5	42.2	38.3	61.4	434	195	84.9	59.4	87.8	88.2	137	110	114	1934
1935	48.2	44.4	50.8	125	238	180	101	84.2	82.1	123	87.8	48.4	86.5	1935
1936	42.8	43.3	52.4	87.2	513	187	85.4	45.1	51.5	70.3	62.2	44.4	104	1936
1937	41.7	38.1	40.8	128	261	88.5	184	105	74.8	143	132	74.0	107	1937
1938	47.2	48.8	57.4	378	373	231	107	108	81.3	95.6	72.2	88.5	137	1938
1939	48.7	44.3	44.8	96.1	520	222	122	94.4	73.8	97.6	88.3	49.8	121	1939
1940	47.3	45.5	47.0	77.0	284	236	125	80.5	84.7	77.0	101	58.8	104	1940
1941	50.0	47.6	80.8	248	287	122	80.1	130	219	287	212	164	160	1941
1942	76.2	53.3	59.8	261	261	75.5	84.5	90.7	114	137	95.2	51.0	108	1942
1943	47.2	43.2	40.5	85.0	238	264	104	88.7	81.1	95.0	75.7	46.9	83.4	1943
1944	44.4	45.7	44.0	110	244	114	89.8	102	120	108	73.6	53.2	93.4	1944
1945	46.8	44.8	101	212	229	221	112	48.0	53.4	84.0	89.6	47.0	106	1945
1946	42.9	47.7	126	174	254	174	89.1	48.9	81.4	96.4	86.8	78.2	105	1946
1947	51.3	48.7	52.0	72.4	611	466	124	58.7	49.8	43.6	38.8	32.0	136	1947
1948	29.6	30.1	31.3	186	217	79.2	76.0	68.8	40.8	51.5	67.8	81.0	78.3	1948
1949	48.3	50.1	54.3	220	300	147	75.8	47.4	43.1	42.2	42.1	37.6	92.4	1949
1950	37.0	39.5	38.6	71.9	542	288	150	67.8	61.9	88.3	103	72.7	130	1950
1951	48.7	54.8	88.8	441	215	120	83.9	58.2	58.0	230	198	113	141	1951
1952	84.5	82.4	71.1	215	243	165	121	78.4	57.2	61.3	71.4	70.4	107	1952
1953	53.9	52.4	84.7	246	355	153	85.8	45.0	126	74.4	74.8	85.2	121	1953
1954	52.2	56.7	80.8	248	218	153	93.3	82.3	86.6	234	189	85.9	131	1954
1955	56.8	55.4	53.8	231	112	82.6	45.2	42.6	37.2	77.9	84.7	44.0	75.2	1955
1956	46.1	49.0	57.6	82.3	382	189	103	54.3	86.4	51.8	49.3	47.8	100	1956
1957	48.1	53.5	54.3	236	146	127	208	48.4	59.4	58.7	165	77.8	108	1957
1958	61.2	64.0	53.5	116	96.8	93.5	76.3	51.4	80.8	120	119	81.0	83.5	1958
1959	57.4	58.5	61.2	117	238	97.8	80.3	58.9	65.0	86.4	89.2	83.1	87.1	1959
1960	55.0	59.2	81.3	201	775	172	88.7	67.3	57.4	85.5	108	87.7	148	1960
1961	55.5	55.6	58.5	137	274	239	213	109	285	132	113	80.6	147	1961
1962	60.3	63.4	67.6	140	381	87.6	45.4	85.2	128	84.4	85.9	51.1	104	1962
1963	50.5	54.3	64.7	184	239	173	82.8	82.0	82.4	84.4	85.3	66.4	83.2	1963
1964	57.3	62.1	73.1	266	329	298	89.3	82.8	74.8	141	110	68.8	138	1964
1965	65.6	59.6	74.1	116	415	85.0	89.1	73.1	166	205	105	83.7	128	1965
1966	65.2	61.1	93.1	256	270	214	58.9	66.8	58.7	197	147	146	136	1966
1967	65.4	61.1	68.4	384	473	200	85.7	90.0	65.9	80.5	88.6	70.1	150	1967
1968	66.9	60.0	65.4	306	185	212	172	66.3	69.8	79.2	62.8	58.6	119	1968
1969	64.7	61.2	75.0	246	294	167	79.9	73.6	66.1	95.3	118	80.2	120	1969
1970	66.7	64.6	71.0	122	261	215	134	65.7	72.2	71.0	71.1	65.0	108	1970
1971	60.8	60.9	66.7	163	378	126	73.1	55.5	53.5	59.8	71.3	61.5	103	1971
1972	59.0	64.5	67.8	92.7	366	210	87.5	53.2	57.5	83.0	66.7	59.8	105	1972
1973	63.2	62.3	101	236	326	148	103	65.9	118	82.8	74.1	56.8	122	1973
1974	66.5	64.3	72.3	108	386	188	111	60.0	66.4	97.3	78.3	61.1	114	1974
1975	59.3	59.0	59.4	112	253	248	89.0	35.6	42.0	61.4	70.4	60.4	91.6	1975
1976	61.5	58.1	57.9	377	326	86.6	46.5	37.7	37.8	50.0	32.8	38.9	89.6	1976
1977	46.1	40.8	70.2	285	147	70.3	51.9	33.8	78.6	59.0	83.5	57.6	85.3	1977
1978	58.6	54.4	52.7	57.1	372	223	148	56.6	70.4	151	83.7	61.4	118	1978
1979	58.6	57.9	67.0	276	513	208	70.0	56.7	64.2	126	121	85.7	151	1979
1980	62.8	59.4	54.8	192	215	98.7	88.1	49.4	61.8	76.7	55.0	54.8	87.4	1980
1981	56.3	59.2	63.3	286	247	100	80.8	34.9	44.2	60.1	63.7	59.5	98.3	1981
1982	57.4	64.6	57.8	107	210	83.9	91.8	52.9	78.3	188	116	67.4	96.8	1982
1983	60.6	65.7	63.7	89.5	506	248	81.9	38.9	58.7	80.6	80.6	60.1	117	1983
1984	66.3	70.9	65.5	223	117	190	154	58.4	60.0	83.2	77.7	67.9	98.3	1984
1985	61.8	71.3	60.4	194	285	84.7	104	83.6	60.2	61.9	88.1	67.2	97.8	1985
1986	60.7	55.8	57.7	244	209	84.0	83.5	110	110	150	102	66.8	107	1986
1987	64.2	59.6	53.6	127	83.8	56.6	66.8	84.7	38.0	84.8	57.8	61.0	85.3	1987
1988	53.6	48.5	53.1	224	331	78.1	48.8	82.7	66.7	71.3	204	92.3	113	1988
MEAN	54.2	54.2	61.2	182	326	155	89.3	66.4	79.9	89.8	94.3	67.1	113	MEAN

LOCATION - LAT 49 18 04 N
LONG 81 38 30 W

DRAINAGE AREA, 10 000 km²
REGULATED

DATA CONTRIBUTED BY - ABITIBI - PRICE INC.

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	530 ON MAY 8	---	---	1920
1921	---	725 ON APR 28	23.5 B ON FEB 14	3 330 000	1921
1922	---	1 070 ON MAY 8	36.8 ON JUL 6	4 370 000	1922
1923	---	490 ON MAY 3	32.0 B ON MAR 1	2 800 000	1923
1924	---	284 ON APR 30	27.9 ON OCT 24	2 380 000	1924
1925	---	467 ON JUN 6	14.4 ON SEP 7	3 180 000	1925
1926	---	462 ON JUL 19	34.8 B ON JAN 1	3 450 000	1926
1927	---	685 ON APR 21	41.9 ON SEP 18	3 950 000	1927
1928	---	1 130 ON MAY 12	35.4 B ON FEB 16	7 220 000	1928
1929	---	857 ON MAY 25	46.2 B ON MAR 1	4 470 000	1929
1930	---	745 ON MAY 6	46.4 ON AUG 6	4 190 000	1930
1931	---	391 ON APR 23	32.3 ON AUG 28	3 140 000	1931
1932	---	581 ON MAY 11	33.4 ON AUG 25	4 030 000	1932
1933	---	547 ON MAY 15	36.2 ON SEP 27	3 360 000	1933
1934	---	759 ON MAY 7	18.8 ON APR 1	3 880 000	1934
1935	---	490 ON MAY 1	25.5 ON JAN 28	3 040 000	1935
1936	---	875 ON MAY 15	27.5 ON DEC 26	3 300 000	1936
1937	---	677 ON MAY 2	27.5 ON APR 11	3 380 000	1937
1938	---	900 ON APR 26	31.4 ON SEP 18	4 310 000	1938
1939	---	949 ON MAY 6	28.3 ON AUG 19	3 810 000	1939
1940	---	482 ON MAY 3	34.3 ON AUG 18	3 280 000	1940
1941	---	854 ON MAY 7	38.5 ON FEB 12	5 050 000	1941
1942	---	719 ON APR 26	31.7 ON AUG 9	3 410 000	1942
1943	---	484 ON MAY 8	21.2 ON MAR 21	2 940 000	1943
1944	---	589 ON MAY 4	30.3 ON MAR 5	2 950 000	1944
1945	---	524 ON JUN 1	23.4 ON DEC 24	3 330 000	1945
1946	---	742 ON MAY 25	27.5 ON FEB 3	3 310 000	1946
1947	---	1 120 ON MAY 19	18.5 ON DEC 14	4 350 000	1947
1948	---	549 ON APR 28	18.4 ON JAN 4	2 480 000	1948
1949	---	637 ON MAY 2	20.0 ON DEC 11	2 920 000	1949
1950	---	861 ON MAY 28	18.0 ON MAR 26	4 100 000	1950
1951	---	694 ON APR 13	37.7 ON FEB 4	4 440 000	1951
1952	---	597 ON APR 23	38.5 ON AUG 31	3 370 000	1952
1953	---	564 ON MAY 5	21.0 ON NOV 1	3 810 000	1953
1954	---	587 ON APR 22	34.8 ON SEP 6	4 140 000	1954
1955	---	544 ON APR 18	20.4 ON SEP 4	2 370 000	1955
1956	---	782 ON MAY 16	33.7 ON SEP 2	3 180 000	1956
1957	---	909 ON APR 26	28.0 ON AUG 20	3 400 000	1957
1958	---	297 ON OCT 26	34.3 ON AUG 24	2 630 000	1958
1959	---	549 ON MAY 7	29.4 ON JUL 27	2 750 000	1959
1960	---	1 230 ON MAY 10 *	22.1 ON AUG 25	4 700 000	1960
1961	---	736 ON SEP 1	45.3 ON FEB 19	4 640 000	1961
1962	---	719 ON MAY 4	28.7 ON JUL 22	3 270 000	1962
1963	---	467 ON JUN 21	14.9 ON APR 5	2 940 000	1963
1964	---	813 ON APR 28	37.7 ON SEP 7	4 360 000	1964
1965	---	789 ON MAY 17	42.5 ON AUG 22	4 030 000	1965
1966	---	719 ON APR 22	37.1 ON JUL 1	4 350 000	1966
1967	---	1 010 ON MAY 3	8.21 ON OCT 18	4 750 000	1967
1968	---	620 ON APR 17	38.8 ON SEP 2	3 770 000	1968
1969	---	586 ON APR 24	43.6 ON JUL 14	3 790 000	1969
1970	---	532 ON MAY 1	50.7 ON SEP 24	3 430 000	1970
1971	---	484 ON MAY 13	21.6 ON SEP 2	3 240 000	1971
1972	---	580 ON MAY 1	34.6 ON APR 17	3 330 000	1972
1973	---	583 ON APR 22	54.1 ON JAN 2	3 840 000	1973
1974	---	568 ON MAY 3	33.7 ON MAR 31	3 690 000	1974
1975	---	428 ON JUN 2	24.9 ON OCT 23	2 890 000	1975
1976	---	1 090 ON APR 20	0 ON SEP 6 *	3 150 000	1976
1977	---	728 ON APR 22	13.3 ON FEB 20	2 880 000	1977
1978	---	804 ON MAY 14	26.3 ON AUG 7	3 670 000	1978
1979	---	1 150 ON MAY 8	46.7 ON JUL 17	4 750 000	1979
1980	---	498 ON APR 28	36.8 ON JUL 28	3 780 000	1980
1981	---	542 ON MAY 5	28.4 ON AUG 18	3 010 000	1981
1982	---	562 ON OCT 21	23.8 ON SEP 1	3 050 000	1982
1983	---	598 ON MAY 15	27.3 ON AUG 30	3 700 000	1983
1984	---	650 ON JUN 26	32.8 ON SEP 4	3 140 000	1984
1985	---	734 ON APR 26	32.0 ON SEP 28	3 080 000	1985
1986	---	533 ON APR 28	37.9 ON JUL 30	3 380 000	1986
1987	---	241 ON APR 18	27.8 ON SEP 17	2 080 000	1987
1988	---	694 ON MAY 1	38.2 ON JUL 24	3 580 000	1988
				3 580 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	53.9	34.7	42.8	107	133	76.2	49.7	---	1985
1986	57.8	68.7	68.1	146	139	182	43.1	41.4	34.6	82.8	88.2	103	87.8	1986
1987	84.0	77.1	77.8	225	263	146	69.5	61.9	60.4	47.9	54.6	42.1	102	1987
1988	38.8	41.1	72.7	127	93.3	153	80.1	51.8	51.0	47.2	54.6	65.8	73.0	1988
MEAN	60.2	62.3	72.9	166	182	134	55.9	64.6	63.3	77.7	68.6	65.2	87.8	MEAN

LOCATION - LAT 48 28 45 N DRAINAGE AREA, 8 140 km^2
LONG 81 21 15 W REGULATED

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	314 ON APR 24	5.78 ON SEP 9 *	2 770 000	1966
1967	---	385 ON MAY 2 *	33.4 ON OCT 18	3 210 000	1967
1968	---	309 ON JUN 15	10.2 ON AUG 5	2 310 000	1968
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 760 000	MEAN

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	99.1	92.1	51.0	41.5	40.3	29.4	54.2	---	---	1969
1970	---	---	---	55.0	92.5	113	83.7	52.5	44.3	46.2	45.0	53.1	---	1970
1971	---	---	67.7	85.3	144	87.8	41.0	48.7	27.6	35.4	34.1	44.0	---	1971
1972	---	---	65.2	56.2	123	108	58.2	39.2	42.8	41.8	40.7	58.9	---	1972
1973	64.4	69.4	78.0	83.3	168	---	---	---	---	---	51.7	54.8	---	1973
1974	65.9	76.8	75.6	61.8	178	118	56.5	46.8	43.4	38.3	50.8	56.8	72.3	1974
1975	58.5	65.6	61.3	54.6	109	163	38.3	18.3	20.4	21.7	33.8	49.7	57.7	1975
1976	72.3	72.6	56.9	165	188	57.8	30.3	22.9	25.3	33.8	28.1	39.1	85.9	1976
1977	47.8	38.4	70.3	119	125	37.3	27.7	23.1	31.2	36.7	38.9	54.6	54.4	1977
1978	67.4	60.1	54.1	36.0	110	133	69.7	48.9	53.7	76.2	57.3	57.5	68.7	1978
1979	71.8	70.7	80.2	112	295	106	63.1	39.1	41.3	32.6	81.7	84.4	90.0	1979
1980	79.3	78.3	63.0	64.5	105	62.0	41.4	38.3	38.6	37.5	38.6	49.3	57.8	1980
1981	60.2	64.7	56.8	137	105	81.0	53.4	33.6	36.6	39.6	41.5	54.5	63.5	1981
1982	50.7	69.2	54.9	54.0	77.0	47.5	65.2	39.2	37.2	68.7	66.3	57.9	57.3	1982
1983	55.4	63.1	60.0	59.2	197	182	42.3	26.6	36.3	51.8	44.5	51.7	72.5	1983
1984	65.5	53.8	48.0	82.6	66.1	82.5	99.3	52.3	43.9	42.5	49.1	64.5	60.8	1984
1985	72.5	82.6	65.3	79.8	201	99.5	66.8	42.4	46.1	38.7	51.9	61.6	75.7	1985
1986	71.1	67.1	66.9	102	139	55.0	43.8	73.2	78.5	96.6	94.9	70.4	80.0	1986
1987	70.1	64.7	47.7	54.9	25.6	20.0	32.2	33.6	24.3	29.1	31.6	43.2	39.6	1987
1988	48.7	44.3	54.4	94.5	159	64.1	29.3	26.9	36.3	35.6	116	98.6	66.5	1988
MEAN	63.2	65.2	62.6	81.9	135	89.5	52.3	39.2	38.3	43.6	52.5	58.1	65.5	MEAN

LOCATION - LAT 48 23 52 N DRAINAGE AREA, 5 540 km^2
LONG 81 26 45 W REGULATED

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	193 AT 12:00 EST ON APR 28	187 ON APR 28	---	---	1969
1970	165 AT 23:05 EST ON JUN 3	163 ON JUN 4	---	---	1970
1971	250 AT 21:52 EST ON MAY 28	248 ON MAY 29	---	---	1971
1972	201 AT 15:07 EST ON MAY 5	194 ON MAY 5	25.2 ON NOV 8	---	1972
1973	267 AT 04:50 EST ON MAY 12	265 ON MAY 12	---	---	1973
1974	277 AT 10:44 EST ON MAY 3	274 ON MAY 3	32.3 ON OCT 7	2 280 000	1974
1975	251 AT 11:48 EST ON JUN 2	250 ON JUN 2	16.8 ON SEP 1	1 620 000	1975
1976	340 AT 08:46 EST ON MAY 4	337 ON MAY 3	13.5E ON SEP 5	2 080 000	1976
1977	---	345 E ON APR 29	17.9 ON AUG 17	1 710 000	1977
1978	---	201 E ON MAY 15	31.4 ON APR 22	2 170 000	1978
1979	---	396 A ON MAY 9 *	18.4E ON OCT 20	2 840 000	1979
1980	143 AT 08:21 EST ON MAY 18	143 ON MAY 18	30.3 ON NOV 10	1 830 000	1980
1981	208 AT 14:15 EST ON APR 18	207 ON APR 18	27.8 ON AUG 28	2 000 000	1981
1982	217 AT 18:43 EST ON JUL 18	208 ON JUL 18	24.6 ON OCT 6	1 810 000	1982
1983	368 AT 03:47 EST ON JUN 1 *	366 ON JUN 1	22.5 ON AUG 10	2 280 000	1983
1984	189 AT 13:56 EST ON JUL 1	189 ON JUL 1	30.8 ON JUN 7	1 830 000	1984
1985	275 AT 13:14 EST ON MAY 3	273 ON MAY 3	27.0 ON OCT 8	2 380 000	1985
1986	226 AT 04:52 EST ON MAY 3	221 ON MAY 3	38.3 ON JUL 15	2 620 000	1986
1987	---	83.0E ON JAN 17	12.6 ON JUL 9 *	1 250 000	1987
1988	---	257 ON MAY 3	18.7 ON AUG 2	2 110 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 070 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	---	---	7.84	---	1971
1972	8.84	8.48	5.56	35.8	50.4	7.76	6.83	18.4	10.9	8.75	14.1	10.1	15.3	1972
1973	8.53	5.83	25.1	49.8	27.2	20.0	11.1	14.7	7.80	8.35	14.2	14.4	17.2	1973
1974	7.75	7.37	13.6	49.6	31.5	17.3	8.17	8.35	4.95	10.1	27.4	11.8	16.1	1974
1975	8.62	7.28	10.1	28.8	30.1	13.6	3.66	3.36	2.86	8.23	9.28	19.8	12.3	1975
1976	7.42	5.84	18.5	50.2	26.7	8.73	7.27	2.28	3.86	6.46	8.18	8.86	12.3	1976
1977	4.26	4.08	15.1	48.8	8.84	3.12	6.80	9.44	12.5	14.5	15.8	15.2	13.3	1977
1978	8.28	6.05	4.85	31.2	30.5	5.90	3.90	5.50	12.1	18.5	12.2	10.2	12.5	1978
1979	8.50	6.86	22.0	50.6	32.6	10.8	5.58	5.72	9.44	14.8	23.6	20.6	18.4	1979
1980	11.4	5.81	13.1	55.7	16.4	15.1	13.5	12.0	28.0	30.5	21.7	13.0	20.5	1980
1981	7.60	13.9	20.7	53.3	22.5	21.7	5.13	4.88	16.1	23.5	14.2	10.8	17.8	1981
1982	7.28	5.78	7.04	53.4	17.3	6.32	4.19	1.84	8.14	12.6	18.5	29.4	14.3	1982
1983	21.3	8.81	24.0	31.3	43.4	15.6	3.16	3.11	8.31	18.4	14.4	12.4	17.1	1983
1984	8.06	18.4	19.2	46.8	19.6	21.7	18.4	5.82	9.41	11.3	32.6	17.6	19.0	1984
1985	12.9	8.33	16.9	58.6	32.0	7.42	17.8	8.97	5.69	7.58	14.6	13.2	17.6	1985
1986	7.84	6.18	11.9	56.6	20.8	14.4	6.12	5.51	4.86	12.0	11.1	8.83	13.9	1986
1987	6.81	5.91	12.5	35.3	10.7	7.80	3.07	3.84	1.76	4.04	10.7	9.41	9.31	1987
1988	7.09	10.4	8.11	53.0	18.0	3.47	3.41	14.2	13.3	24.3	28.3	14.0	18.4	1988
MEAN	8.75	7.90	14.8	48.2	25.8	11.8	7.42	7.34	8.44	13.9	17.0	13.6	15.5	MEAN

LOCATION - LAT 46 17 56 N DRAINAGE AREA, 909 km²
LONG 78 54 26 W REGULATED

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	---	---	---	1971
1972	112 AT 09:25 EST ON MAY 4	112 ON MAY 4	1.23 ON JUN 4	483 000	1972
1973	78.4 AT 08:00 EST ON APR 5	77.8 ON APR 5	3.68 ON SEP 22	542 000	1973
1974	88.1 AT 16:40 EST ON APR 24	87.8 ON APR 24	2.29 ON SEP 8	509 000	1974
1975	75.8 AT 21:59 EST ON APR 28	75.6 ON APR 28	0.776 ON JUL 7	386 000	1975
1976	83.3 AT 22:30 EST ON APR 2	82.4 ON APR 2	0.855 ON AUG 30	388 000	1976
1977	60.3 AT 11:07 EST ON APR 22	60.0 ON APR 22	0.830 ON JUN 18	418 000	1977
1978	80.7 AT 04:38 EST ON APR 28	80.4 ON APR 28	0.714 ON AUG 15 *	385 000	1978
1979	93.1 AT 08:12 EST ON APR 28	92.5 ON APR 28	1.85 ON JUL 13	581 000	1979
1980	105 AT 22:04 EST ON APR 11	104 ON APR 12	4.81 ON MAR 15	650 000	1980
1981	104 AT 10:22 EST ON APR 6	103 ON APR 6	0.927 ON AUG 25	562 000	1981
1982	101 AT 07:48 EST ON APR 19	100 ON APR 19	0.855 ON AUG 13	451 000	1982
1983	86.5 AT 10:05 EST ON MAY 9	86.0 ON MAY 9	0.830 ON JUL 27	538 000	1983
1984	71.7 AT 02:46 EST ON APR 19	70.6 ON APR 18	1.07 ON AUG 4	502 000	1984
1985	178 AT 17:18 EST ON APR 25 *	178 ON APR 25 *	1.53 ON JUN 16	557 000	1985
1986	107 AT 22:55 EST ON APR 3	104 ON APR 4	2.28 ON AUG 25	439 000	1986
1987	75.0 AT 01:33 EST ON APR 1	74.2 ON APR 1	0.822 ON AUG 14	294 000	1987
1988	---	102 ON APR 8	0.905 ON JUN 6	519 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		489 000	MEAN

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	62.7	17.8	6.66	3.89	6.93	5.24	5.88	7.03	---	1962
1963	6.75	5.83	12.0	86.2	48.2	27.0	9.64	12.3	6.57	4.91	12.4	12.6	20.3	1963
1964	11.8	10.6	16.7	48.4	26.7	11.7	8.10	2.87	3.37	7.38	9.82	15.5	14.4	1964
1965	14.0	12.1	11.4	39.2	82.6	16.3	7.96	18.9	20.5	34.6	35.5	38.1	27.7	1965
1966	33.4	22.3	24.1	81.9	48.7	25.4	8.14	5.85	3.27	10.9	26.2	59.6	29.2	1966
1967	27.7	23.0	18.2	93.8	45.7	23.4	16.7	7.17	6.03	22.2	48.3	31.0	30.2	1967
1968	19.0	11.4	21.6	77.6	27.2	16.2	11.4	8.63	8.49	7.48	6.80	8.12	18.5	1968
1969	9.17	6.97	10.7	74.3	83.6	36.8	17.0	10.9	10.6	20.9	43.6	24.6	29.1	1969
1970	14.9	11.8	11.7	50.4	76.1	52.7	68.3	28.2	26.3	32.7	28.0	21.7	35.2	1970
1971	14.8	10.3	13.9	78.0	65.6	18.9	5.96	5.17	5.17	7.43	---	---	---	1971
MEAN	15.6	12.7	15.6	70.0	58.7	24.7	16.1	10.4	9.61	15.4	23.7	24.3	25.6	MEAN

LOCATION - LAT 46 18 07 N DRAINAGE AREA, 2 040 km²
LONG 78 52 51 W NATURAL FLOW

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	125 AT 09:00 EST ON APR 4	125 ON APR 4	3.43 ON OCT 7	842 000	1983
1984	88.8 AT 20:00 EST ON APR 19	86.3 ON APR 19	1.83 ON SEP 8 *	485 000	1984
1985	159 AT 12:30 EST ON MAY 2	153 ON MAY 2	5.04 ON AUG 1	874 000	1985
1986	181 AT 01:00 EST ON APR 23	178 ON APR 23	2.44 ON SEP 21	819 000	1986
1987	157 AT 12:45 EST ON APR 19	154 ON APR 19	3.88 ON SEP 19	952 000	1987
1988	124 AT 21:00 EST ON APR 11	124 ON APR 11	4.47 ON NOV 3	584 000	1988
1989	136 AT 08:00 EST ON APR 18	135 ON APR 18	5.41 ON SEP 5	920 000	1989
1970	259 AT 19:17 EST ON JUL 21 *	208 ON JUL 22 *	11.0 B ON MAR 1	1 110 000	1970
1971	174 AT 23:32 EST ON APR 23	172 ON APR 23	---	---	1971
				807 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	1.02	0.575	0.801	37.0	36.4	7.80	5.09	1.03	2.85	15.3	6.31	1.86	9.67	1986
1987	0.815	0.518	0.547	35.1	16.7	9.36	32.0	16.7	4.57	15.6	19.6	5.61	13.3	1987
1988	1.84	0.705	0.488	37.6	89.1	14.5	5.21	21.2	8.36	9.85	19.2	7.91	18.	1988
MEAN	1.23	0.600	0.646	36.6	40.7	10.6	14.1	13.0	5.19	13.9	15.1	5.13	13.1	MEAN

LOCATION - LAT 49 40 58 N DRAINAGE AREA, 1 140 km^2
LONG 83 39 20 W NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 7 1985

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	98.7 AT 03:35 EST ON APR 30 *	97.5 ON APR 30	0.400B ON MAR 14 *	305 000	1986
1987	93.3 AT 01:15 EST ON APR 20	92.2 ON APR 20	0.439B ON MAR 8	418 000	1987
1988	---	114 ON MAY 14 *	0.405B ON MAR 18	518 000	1988
				414 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	0.202	0.250	2.41	1.38	1.04	8.18	---	1977
1978	0.359	0.420	8.65	5.95	0.817	0.334	0.108	0.065	0.084	0.123	0.189	0.459	1.48	1978
1979	0.708	0.741	5.04	11.1	1.69	0.348	0.233	0.093	0.053	0.093	1.15	4.57	2.15	1979
1980	1.82	0.334	5.67	4.37	0.868	0.758	0.838	1.83	2.03	0.570	0.294	1.57	1.72	1980
1981	0.131	7.02	1.29	2.18	0.851	3.70	1.27	6.88	0.625	6.56	1.20	1.09	2.70	1981
1982	2.44	0.592	11.1	3.47	1.07	1.26	0.708	0.698	0.213	0.148	5.96	5.70	2.80	1982
1983	0.978	1.77	1.27	3.78	3.01	2.26	3.19	2.63	0.327	0.244	3.37	6.36	2.44	1983
1984	0.280	6.51	6.87	1.85	2.02	0.481	1.88	0.267	0.310	0.204	1.53	3.36	2.12	1984
1985	2.62	9.12	9.44	3.78	0.382	0.216	0.093	1.43	3.37	1.75	10.4	1.89	3.65	1985
1986	2.15	4.43	7.85	1.83	0.712	2.42	0.386	0.180	0.788	3.72	2.19	5.99	2.72	1986
1987	2.45	0.816	2.87	2.85	0.404	0.113	0.104	1.70	2.44	1.07	2.83	6.78	2.02	1987
1988	0.479	1.15	3.12	0.741	0.228	0.087	0.057	0.083	0.054	0.194	1.51	0.581	0.887	1988
MEAN	1.29	2.98	5.75	3.81	1.11	1.09	0.758	1.31	1.08	1.34	2.62	3.88	2.23	MEAN

LOCATION - LAT 42 23 00 N DRAINAGE AREA, 202 km^2
LONG 82 05 39 W NATURAL FLOW

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	0.078 ON SEP 10	---	1977
1978	76.2 AT 23:26 EST ON MAR 21	50.0 ON MAR 21	0.015 ON SEP 8	46 600	1978
1979	114 AT 08:02 EST ON APR 14 *	100 ON APR 14	0.017 ON SEP 25	57 800	1979
1980	41.3 AT 15:57 EST ON MAR 21	27.8 ON MAR 21	0.080 ON JUL 21	54 300	1980
1981	98.7 AT 00:43 EST ON AUG 9	89.7 ON AUG 9	0.0598 ON JAN 21	85 200	1981
1982	108 B AT 21:08 EST ON MAR 13	67.08 ON MAR 13	0.007 ON SEP 12 *	88 500	1982
1983	80.9 AT 18:06 EST ON JUN 28	43.7 ON DEC 12	0.071 ON JUL 28	78 900	1983
1984	---	50.08 ON FEB 14	0.041 ON SEP 9	67 000	1984
1985	---	110 B ON FEB 24 *	0.018 ON AUG 13	115 000	1985
1986	63.68 AT 22:00 EST ON MAR 10	37.6 ON MAR 11	0.040 ON SEP 9	85 800	1986
1987	45.7 AT 21:45 EST ON DEC 15	27.5 ON DEC 16	0.026 ON JUL 31	53 800	1987
1988	---	13.6 ON MAR 25	0.022 ON AUG 22	21 700	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		70 200	MEAN

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.181	0.084	0.118	0.881	0.385	0.204	0.089	0.274	0.261	0.318	0.288	0.035	0.252	1987
1988	0.005	0.002	0.257	1.40	0.882	0.177	0.078	0.841	0.413	0.831	1.23	0.348	0.503	1988
MEAN	0.083	0.043	0.188	1.13	0.614	0.191	0.084	0.458	0.337	0.475	0.748	0.192	0.378	MEAN

LOCATION - LAT 48 28 57 N DRAINAGE AREA, 90.0 km^2
LONG 89 18 31 W REGULATED

REMARKS - STA. ACTIVATED IN DEC 1986. REPLACED STA. NO. 02AB016

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	2.108 ON APR 8	0.0148 ON DEC 31	7 980	1987
1988	---	4.88 ON NOV 17 *	0.0028 ON FEB 4 *	15 800	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 800	MEAN

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.401	0.137	0.253	3.87	5.85	1.84	2.13	0.417	0.597	0.817	0.834	0.182	1.41	1972
1973	0.188	0.157	4.09	3.43	2.78	1.98	1.43	1.08	2.32	1.62	2.88	1.04	1.83	1973
1974	0.120	0.188	0.213	7.06	5.48	2.57	0.843	1.12	1.27	1.83	1.84	0.541	1.97	1974
1975	1.11	0.468	0.388	5.37	3.01	1.01	0.232	0.059	0.142	0.258	0.238	0.094	1.03	1975
1976	0.053	0.138	0.157	10.2	1.78	1.82	0.287	0.084	0.016	0.088	0.081	0.001	1.22	1976
1977	0.002	0.001	0.731	1.84	0.702	0.630	0.327	0.848	7.28	3.47	1.62	0.533	1.49	1977
1978	0.257	0.138	0.179	3.16	3.85	2.43	0.704	0.288	0.509	0.475	0.277	0.139	1.04	1978
1979	0.128	0.083	0.183	5.17	8.17	1.45	0.243	0.183	0.911	0.858	1.05	0.278	1.38	1979
1980	0.138	0.089	0.088	3.85	1.37	0.384	0.330	0.278	2.78	1.55	0.829	0.442	0.887	1980
1981	0.198	0.234	0.527	5.80	2.29	2.69	0.385	0.078	0.129	0.525	0.320	0.145	1.10	1981
1982	0.088	0.072	0.086	3.85	4.57	1.58	3.00	1.28	0.838	4.50	3.08	0.548	1.87	1982
1983	0.162	0.132	0.481	3.30	2.18	2.01	1.08	0.318	0.389	1.80	1.47	0.725	1.17	1983
1984	0.365	0.320	0.280	4.49	3.29	2.82	0.783	0.385	0.330	1.09	0.881	1.55	1.38	1984
1985	0.195	0.053	0.117	3.01	3.78	3.87	2.42	2.21	5.14	4.82	1.78	0.351	2.32	1985
1988	0.248	0.214	0.889	7.14	2.48	---	---	---	---	---	---	---	---	1988
MEAN	0.244	0.161	0.571	4.74	3.37	1.93	1.01	0.619	1.82	1.66	1.22	0.488	1.46	MEAN

LOCATION - LAT 48 25 07 N DRAINAGE AREA, 145 km^2
LONG 89 15 56 W REGULATED

REMARKS - STATION DISCONTINUED JUN 1988, REPLACED BY 02AB020.

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	18.5 ON MAY 1	0.0578 ON FEB 19	44 700	1972
1973	---	22.4 ON NOV 21	0.0578 ON FEB 10	61 000	1973
1974	---	35.1 ON MAY 11	0.068 ON JUL 13	82 200	1974
1975	---	12.3 ON APR 25	0 ON AUG 5 *	32 400	1975
1976	---	58.9 ON APR 16 *	0 B ON DEC 3	38 500	1976
1977	---	34.0 ON SEP 25	0 B ON JAN 5	45 900	1977
1978	---	12.4 ON APR 25	0.074 ON AUG 13	32 800	1978
1979	---	22.2 ON MAY 11	0.0488 ON FEB 15	43 400	1979
1980	12.2 AT 21:32 EST ON APR 20	11.1 ON APR 23	0.028 ON JUN 27	31 200	1980
1981	11.0 AT 08:27 EST ON JUN 3	10.4 ON APR 11	0.025 ON AUG 29	34 800	1981
1982	23.5 AT 17:30 EST ON NOV 21 *	19.4 ON NOV 21	0.0688 ON FEB 15	62 100	1982
1983	15.0 AT 02:04 EST ON APR 26	11.3 ON APR 26	0.103 ON SEP 8	35 800	1983
1984	11.0 AT 20:15 EST ON DEC 16	9.36 ON MAY 9	0.138 ON SEP 1	43 800	1984
1985	22.2 AT 11:18 EST ON MAY 5	19.2 ON MAY 5	0.0488 ON FEB 26	73 100	1985
1986	---	---	---	---	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		46 000	MEAN

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1.81	2.84	1.60	0.651	0.285	0.383	0.223	0.236	0.466	0.855	---	1961
1962	0.945	0.860	3.76	1.31	0.356	0.305	0.085	0.247	0.131	0.565	1.44	1.13	0.936	1962
1963	0.241	0.077	5.01	1.86	0.981	0.271	0.083	0.280	0.142	0.248	0.237	0.232	0.821	1963
1964	0.533	0.344	3.09	2.20	1.19	0.172	0.269	0.428	0.115	0.258	0.251	0.778	0.806	1964
1965	1.06	5.14	4.06	5.01	0.544	0.137	0.193	0.218	0.352	0.819	1.08	2.10	1.70	1965
1966	0.780	3.31	4.85	1.75	1.23	0.513	0.149	0.117	0.130	0.256	0.728	2.67	1.37	1966
1967	1.52	0.586	2.71	3.67	1.48	0.388	0.505	0.197	0.105	0.378	0.735	1.72	1.17	1967
1968	0.674	4.45	2.90	1.21	0.954	1.69	0.693	0.287	0.889	0.430	2.16	2.01	1.80	1968
1969	3.67	2.64	2.64	6.27	3.47	0.786	0.280	0.110	0.137	0.243	0.870	0.488	1.78	1969
1970	0.497	0.585	2.38	3.25	0.908	0.281	0.340	0.147	0.241	0.437	1.22	2.39	1.08	1970
1971	0.508	1.61	7.10	2.13	0.541	0.523	0.158	0.216	0.293	0.289	0.237	0.723	1.20	1971
1972	1.81	0.451	6.85	5.58	2.65	0.718	0.408	1.09	0.241	0.395	1.62	2.64	2.06	1972
1973	2.18	1.72	9.84	2.59	1.64	0.854	0.430	0.187	0.118	0.336	3.45	3.49	2.24	1973
1974	6.18	3.33	4.37	3.01	4.57	0.772	0.408	0.213	0.238	0.332	0.741	0.757	2.07	1974
1975	1.19	2.41	4.88	2.46	0.821	0.950	0.196	0.270	1.45	0.853	1.00	2.15	1.58	1975
1976	1.47	7.88	7.55	3.83	3.39	0.528	1.16	0.487	0.391	0.502	0.505	0.442	2.34	1976
1977	0.201	0.528	6.01	2.84	0.817	0.320	0.788	0.446	3.68	2.24	1.53	7.84	2.25	1977
1978	1.43	0.858	8.38	5.76	2.19	0.423	0.240	0.227	0.579	0.748	1.04	1.39	1.83	1978
1979	0.710	0.876	8.06	6.80	1.37	0.489	0.280	0.477	0.373	0.686	1.58	4.20	2.13	1979
1980	1.35	0.634	4.54	5.58	1.58	0.644	0.386	0.384	0.458	0.857	0.883	1.19	1.50	1980
1981	0.313	6.21	1.31	1.86	1.11	0.885	0.550	1.30	1.74	1.81	1.55	0.907	1.58	1981
1982	0.823	0.480	9.23	4.99	0.878	2.10	0.312	0.306	0.384	0.528	2.10	4.87	2.26	1982
1983	1.50	2.77	3.18	3.19	3.84	0.913	0.557	3.42	0.385	0.587	1.43	5.17	2.23	1983
1984	1.36	8.59	4.41	4.82	2.47	3.37	0.446	0.333	1.28	0.528	1.23	2.36	2.41	1984
1985	2.14	5.03	7.33	3.61	0.847	0.538	0.476	0.504	0.513	1.47	7.27	3.22	2.78	1985
1986	3.10	1.81	5.76	3.14	2.00	1.14	0.844	0.546	1.08	2.89	2.21	5.18	2.50	1986
1987	1.72	0.823	3.49	4.87	0.574	0.334	0.288	0.225	0.222	0.295	0.482	2.06	1.29	1987
1988	0.814	1.56	2.48	1.47	0.905	0.247	0.321	0.705	0.463	0.765	1.79	0.887	0.898	1988
MEAN	1.43	2.37	4.94	3.50	1.56	0.733	0.394	0.491	0.578	0.718	1.41	2.27	1.72	MEAN

LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km^2
REGULATED

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	8.478 ON MAR 18	0.006 ON JUL 15	29 800	1962
1963	---	18.2 ON MAR 18	0.014 ON JUL 6	26 900	1963
1964	---	7.82 ON MAR 27	0.008 ON OCT 1	25 500	1964
1965	---	28.9 ON FEB 12	0.076 ON JUN 4	53 800	1965
1966	---	15.6 B ON FEB 14	0.017 ON SEP 9	43 400	1966
1967	---	16.3 ON APR 4	0.011 ON SEP 12	36 900	1967
1968	---	24.9 ON FEB 4	0.099 ON JUL 31	47 300	1968
1969	28.7 AT 08:30 EST ON APR 20	25.5 B ON FEB 1	0.040 ON SEP 12	58 100	1969
1970	11.8 AT 14:17 EST ON APR 3	10.8 ON APR 4	0 ON AUG 21 *	33 400	1970
1971	---	25.5 B ON MAR 1	0.001 ON JUL 23	37 700	1971
1972	---	18.8 B ON MAR 17	0.082 ON JUL 29	65 000	1972
1973	20.1 AT 04:55 EST ON MAR 18	18.3 ON MAR 18	0.068 ON SEP 13	70 800	1973
1974	20.6 AT 21:36 EST ON JAN 28	20.0 ON JAN 28	0.088 ON AUG 21	65 400	1974
1975	18.4 AT 11:39 EST ON MAR 21	14.8 ON MAR 21	0.122 ON JUL 9	48 100	1975
1976	32.6 AT 07:07 EST ON MAR 7	30.0 ON MAR 7	0.110 ON SEP 8	74 100	1976
1977	21.3 AT 20:38 EST ON DEC 17	20.5 ON DEC 17	0.142 ON SEP 12	71 100	1977
1978	43.3 AT 10:56 EST ON MAR 23 *	41.1 ON MAR 23	0.158A ON SEP 7	80 800	1978
1979	---	26.0 B ON MAR 5	0.190 ON JUL 30	67 100	1979
1980	25.5 AT 18:00 EST ON MAR 21	23.6 ON MAR 22	0.197 ON JUL 21	47 400	1980
1981	22.1 AT 00:01 EST ON FEB 20	21.2 ON FEB 20	0.2708 ON JAN 10	49 900	1981
1982	---	26.0 B ON MAR 16	0.178 ON SEP 7	71 100	1982
1983	14.8 AT 20:43 EST ON AUG 4	12.7 ON DEC 7	0.178 ON JUL 19	70 300	1983
1984	23.7 AT 21:38 EST ON FEB 15	21.7 ON FEB 15	0.182 ON JUL 29	78 100	1984
1985	42.6 AT 23:32 EST ON FEB 25	41.2 ON FEB 25 *	0.133 ON AUG 4	87 700	1985
1986	17.8 AT 09:30 EST ON MAR 20	16.8 ON MAR 20	0.298 ON SEP 9	78 700	1986
1987	20.6 AT 21:48 EST ON APR 6	19.8 ON APR 6	0.157 ON AUG 7	40 700	1987
1988	---	7.84 ON MAR 27	0.051 ON JUL 15	31 800	1988
				54 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	---	0.814R	0.458R	---	1985
1986	0.066	0.052	0.079	2.01	0.950	0.244	0.192	0.135	0.155	0.152	0.410	0.114	0.381	1986
1987	0.056	0.038	0.040	0.288	0.194	0.121	0.034	0.117	0.167	0.170	0.149	0.027	0.116	1987
1988	0.002	0.001	0.007	0.535	0.442	0.091	0.037	0.460	0.377	0.327	0.721	0.132	0.281	1988
MEAN	0.041	0.030	0.042	0.944	0.532	0.152	0.088	0.237	0.233	0.220	0.549R	0.182R	0.253R	MEAN

LOCATION - LAT 48 26 58 N, LONG 89 13 08 W DRAINAGE AREA, 48.4 km^2, NATURAL FLOW R - REVISED SINCE JAN 01 1987

REMARKS - STATION ACTIVATED OCT 29 1985

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	3.36 AT 08:00 EST ON APR 27 *	3.05 ON APR 27 *	0.0488 ON MAR 12	12 000	1986
1987	---	0.529 ON NOV 18	0.0078 ON DEC 31	3 670	1987
1988	---	2.98 ON NOV 17	0.0018 ON JAN 10 *	8 240	1988
				7 970	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	5.36	1.46	---	---	1945
1946	---	---	10.8	0.643	0.374	0.398	0.220	0.201	0.162	0.230	0.215	---	---	1946
1947	---	---	8.81	15.5	3.65	8.33	1.07	0.565	0.560	0.582	0.737	1.83	---	1947
1948	---	---	10.3	2.50	4.33	0.158	0.207	0.105	0.028	0.067	0.637	0.477	---	1948
1949	3.27	7.18	4.01	0.888	0.179	0.068	0.092	0.084	0.092	0.700	0.413	7.37	2.01	1949
1950	8.26	1.77	8.97	8.35	0.384	0.150	0.233	0.392	0.161	0.265	2.47	3.86	2.45	1950
1951	5.43	8.04	5.86	5.06	0.743	0.427	0.371	0.167	0.185	0.243	2.11	1.70	2.34	1951
1952	3.84	3.61	5.42	4.55	3.08	0.378	0.270	0.256	0.234	0.255	0.317	0.524	1.90	1952
1953	0.888	1.83	5.81	3.94	3.20	2.04	0.198	0.260	0.181	0.029	0.345	0.571	1.59	1953
1954	1.13	10.4	8.23	6.29	1.11	0.126	0.032	0.034	0.047	3.69	2.32	3.11	2.98	1954
1955	3.44	2.30	9.07	2.81	0.228	0.017	0.038	0.011	0.014	0.209	0.806	1.75	1.71	1955
1956	1.06	2.18	11.1	5.86	6.35	0.898	0.706	---	---	---	---	---	---	1956
1957	---	---	3.17	3.47	---	---	---	---	---	---	---	---	---	1957
1958	---	---	7.88	1.08	---	---	---	---	---	---	---	---	---	1958
1959	---	---	11.8	4.80	---	---	---	---	---	---	---	---	---	1959
1960	---	---	3.88	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	2.85	3.37	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	2.41	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	2.17	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	2.88	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	6.83	---	---	---	---	---	---	---	---	---	1965
1966	---	---	3.83	1.85	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	7.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	1.16	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	4.42	---	---	---	---	---	---	---	---	---	1969
1970	---	---	4.90	4.59	---	---	---	---	0.135	0.227	3.44	5.27	---	1970
1971	1.22	1.58	9.29	4.71	0.576	0.142	0.134	0.314	0.158	0.125	0.187	1.04	1.63	1971
1972	1.84	0.632	6.78	5.71	3.17	0.535	0.645	0.330	0.260	0.795	2.96	4.49	2.33	1972
1973	5.47	2.25	10.7	2.86	2.19	0.827	0.243	0.188	0.089	0.161	2.51	2.62	2.49	1973
1974	6.42	3.01	8.73	4.20	4.88	0.735	0.393	0.166	0.166	0.167	0.515	0.338	2.31	1974
1975	3.96	4.28	7.15	5.86	0.983	0.785	0.212	0.250	0.253	0.174	0.200	1.35	2.19	1975
1976	1.55	13.2	12.1	3.36	3.11	0.400	1.66	0.822	1.20	0.757	2.92	0.812	3.47	1976
1977	0.401	0.649	17.8	4.89	0.702	0.425	0.534	0.389	2.96	3.28	4.06	8.02	3.89	1977
1978	1.21	0.736	6.85	15.6	1.88	0.805	0.178	0.147	0.258	0.330	0.584	1.82	2.89	1978
1979	2.71	1.37	12.8	9.23	1.35	0.455	0.284	0.282	0.210	0.312	4.64	5.82	3.27	1979
1980	1.81	0.344	7.87	5.83	0.811	0.513	1.06	0.308	0.225	0.517	0.337	1.78	1.78	1980
1981	0.205	11.1	2.79	3.33	1.53	0.788	0.276	0.209	2.06	4.88	2.64	1.58	2.55	1981
1982	1.32	0.489	12.8	6.80	1.24	0.985	0.304	0.338	0.670	0.578	5.72	8.58	3.34	1982
1983	1.86	3.59	2.00	4.00	5.49	1.94	0.580	0.813	0.254	0.206	1.07	4.43	2.18	1983
1984	0.663	10.8	5.71	2.84	1.64	3.51	1.20	0.640	3.28	0.802	2.89	4.53	3.11	1984
1985	2.87	11.0	12.5	5.18	0.658	0.811	0.372	0.380	1.03	3.05	6.43	3.37	3.89	1985
1986	3.86	1.84	9.58	2.62	1.39	1.80	0.701	0.540	5.32	8.29	1.87	3.88	3.32	1986
1987	1.74	0.448	7.00	8.30	0.431	0.435	0.132	0.181	0.152	0.212	2.36	8.38	2.00	1987
1988	1.21	2.16	5.46	2.23	0.801	0.193	0.204	0.264	0.242	2.30	4.99	2.84	1.92	1988
MEAN	2.81	4.02	7.78	4.84	1.95	0.920	0.430	0.310	0.711	1.22	3.08	3.20	2.52	MEAN

LOCATION - LAT 43 00 50 N DRAINAGE AREA, 200 km²
LONG 81 16 39 W REGULATED SINCE 1970

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	41.8 ON MAR 4	---	---	1946
1947	---	107 ON APR 5 *	---	---	1947
1948	---	88.8 ON MAR 20	0.028 ON JUN 26	---	1948
1949	---	54.9 ON DEC 22	0.057 ON AUG 18	83 200	1949
1950	---	82.9 ON APR 4	0.085 ON SEP 29	77 200	1950
1951	---	78.7B ON JAN 4	0.142 ON AUG 26	73 700	1951
1952	---	45.0 ON MAY 25	0.142 ON JUN 28	80 100	1952
1953	---	21.4 ON MAR 18	0 ON OCT 1 *	50 100	1953
1954	---	98.0 ON FEB 18	0 ON AUG 3	94 000	1954
1955	---	38.1 ON MAR 11	0 ON JUN 11	54 000	1955
1956	---	42.2 ON MAR 7	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	43.6 AT 04:42 EST ON MAR 16	37.1 ON MAR 16	0 ON JUN 27	51 300	1971
1972	50.1 AT 02:00 EST ON MAY 18	32.8B ON MAR 22	0.059E ON SEP 10	73 700	1972
1973	57.2 AT 02:06 EST ON MAR 12	36.2 ON MAR 12	0.022 ON SEP 3	78 400	1973
1974	86.0 AT 10:41 EST ON MAR 5	47.0 ON MAR 5	0.042 ON SEP 16	73 000	1974
1975	81.3 AT 12:35 EST ON APR 19	46.4 ON APR 19	0.071 ON NOV 16	69 100	1975
1976	118 AT 22:40 EST ON MAR 5	69.1 ON MAR 5	0.181 ON SEP 8	110 000	1976
1977	146 AT 08:58 EST ON MAR 13 *	104 ON MAR 13	0.082 ON SEP 4	116 000	1977
1978	94.6 AT 23:07 EST ON APR 1	64.0 ON APR 2	0.022 ON SEP 7	81 700	1978
1979	112 AT 06:54 EST ON APR 14	81.1 ON APR 14	0.044 ON AUG 26	103 000	1979
1980	91.6 AT 20:52 EST ON MAR 21	53.6 ON MAR 21	0.037 ON AUG 29	56 400	1980
1981	81.1 AT 21:22 EST ON FEB 23	60.5 ON FEB 23	0.037 ON AUG 25	80 400	1981
1982	115 AT 09:50 EST ON MAR 31	75.8 ON MAR 31	0.042 ON AUG 18	105 000	1982
1983	59.0 AT 15:41 EST ON MAY 2	25.2 ON MAY 3	0.065 ON OCT 20	68 700	1983
1984	103 AT 18:09 EST ON FEB 14	85.0 ON FEB 14	0.179 ON AUG 25	98 300	1984
1985	102 AT 22:56 EST ON FEB 24	86.8 ON FEB 25	0.026 ON AUG 4	123 000	1985
1986	87.6 AT 15:49 EST ON SEP 30	46.7 ON SEP 30	0.108 ON SEP 7	105 000	1986
1987	59.7 AT 04:46 EST ON MAR 9	39.5 ON MAR 9	0.010 ON JUL 12	62 800	1987
1988	---	21.1 ON MAR 26	0.020 ON JUL 10	80 500	1988
				79 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.142	0.050	0.058	0.071	0.118	0.089	---	1974
1975	0.160	0.483	0.388	0.420	0.131	0.078	0.041	0.048	0.058	0.058	0.100	0.137	0.172	1975
1976	0.079	0.296	0.863	0.282	0.210	0.078	0.178	0.074	0.135	0.121	0.103	0.077	0.208	1976
1977	0.066	0.057	0.685	0.242	0.071	0.098	0.067	0.085	0.316	0.287	0.413	0.385	0.231	1977
1978	0.260	0.118	0.270	1.06	0.381	0.088	0.046	0.073	0.097	0.118	0.146	0.131	0.230	1978
1979	0.287	0.305	1.50	0.387	0.194	0.077	0.051	0.061	0.070	0.145	0.288	0.389	0.312	1979
1980	0.115	0.045	0.808	0.879	0.115	0.102	0.178	0.079	0.107	0.120	0.148	0.287	0.231	1980
1981	0.088	0.705	0.158	0.151	0.135	0.089	0.060	0.237	0.171	0.273	0.230	0.121	0.198	1981
1982	0.108	0.081	0.822	0.827	---	---	---	---	---	---	---	---	---	1982
MEAN	0.144	0.282	0.682	0.480	0.177	0.084	0.098	0.088	0.128	0.149	0.191	0.198	0.228	MEAN

LOCATION - LAT 43 57 40 N DRAINAGE AREA, 25.9 km^2
LONG 79 07 41 W NATURAL FLOW

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	14.8 AT 18:12 EST ON FEB 24	7.02 ON FEB 24	0.025 ON AUG 10 *	5 440	1975
1976	9.83 AT 02:31 EST ON MAR 21	6.14 ON MAR 21	0.034 ON AUG 23	6 520	1976
1977	11.6 AT 04:51 EST ON MAR 13	5.88 ON MAR 13	0.027 ON JUL 28	7 290	1977
1978	11.8 AT 12:57 EST ON MAY 14	5.52 ON APR 7	0.037 ON JUL 18	7 270	1978
1979	9.64 AT 04:42 EST ON MAR 14	5.18 ON MAR 5	0.037 ON JUL 23	8 840	1979
1980	---	7.50B ON MAR 21	0.030B ON MAR 7	7 300	1980
1981	8.14 AT 20:34 EST ON AUG 4	4.60B ON FEB 20	0.038 ON JUL 17	6 250	1981
1982	15.9 AT 14:55 EST ON MAR 31 *	7.82 ON MAR 31 *	---	---	1982
				7 130	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	44.0	17.8	18.7	16.2	15.4	---	1920
1921	21.4	17.5	22.8	108	115	87.5	35.3	25.5	19.2	18.2	17.2	---	---	1921
1922	---	---	---	80.7	283	91.4	45.5	34.0	17.7	16.0	16.0	---	---	1922
1923	---	---	---	---	124	47.7	27.4	---	---	---	87.9	47.4	---	1923
1924	32.6	27.0	27.0	34.1	89.9	75.8	53.1	43.9	39.5	20.4	27.5	29.4	40.1	1924
1925	---	29.9	31.3	81.0	148	124	80.8	75.7	26.0	24.8	36.8	34.8	---	1925
1926	29.5	22.6	---	20.8	90.1	102	182	88.2	114	84.3	89.8	77.5	---	1926
1927	46.5	39.4	42.7	123	179	125	88.7	48.6	30.1	81.7	74.9	87.8	78.7	1927
1928	42.2	33.5	30.2	80.8	240	216	209	100	128	208	154	77.5	127	1928
1929	43.3	32.1	31.8	98.8	133	111	89.1	37.4	28.8	35.7	---	---	---	1929
1930	---	---	---	---	185	189	179	---	24.2	23.5	---	---	---	1930
1931	---	---	---	---	174	98.1	32.8	18.1	19.0	46.8	---	---	---	1931
1932	---	---	---	---	176	82.8	74.2	58.7	21.7	35.3	88.8	47.2	---	1932
1933	44.8	45.8	35.9	123	---	116	34.7	27.6	18.8	24.8	33.3	24.3	---	1933
1934	26.2	23.9	26.8	43.7	246	81.2	51.0	33.8	86.3	49.3	71.6	88.1	85.2	1934
1935	81.5	50.4	47.2	91.6	190	125	109	75.2	37.3	50.2	84.0	49.0	78.4	1935
1936	45.8	42.9	43.8	81.8	275	112	63.2	65.5	44.8	31.9	35.8	31.2	71.4	1936
1937	26.5	26.8	26.9	70.7	142	86.5	89.4	58.7	56.5	87.6	72.2	86.4	81.2	1937
1938	49.8	36.4	37.5	178	198	182	72.6	44.1	31.9	33.5	36.0	33.6	78.1	1938
1939	40.0	40.8	40.6	72.8	337	157	98.7	29.9	36.6	50.6	40.4	43.2	82.6	1939
1940	44.7	34.5	31.9	39.7	180	164	74.1	35.6	30.5	31.7	61.7	38.2	80.6	1940
1941	42.6	41.3	40.0	148	160	87.6	31.6	26.8	40.5	152	120	101	81.2	1941
1942	73.9	45.7	45.7	136	183	71.6	32.2	33.5	46.0	72.6	145	86.7	81.1	1942
1943	55.5	50.6	46.6	83.6	167	180	78.3	36.3	31.8	32.1	33.0	27.6	86.9	1943
1944	24.8	30.3	34.1	72.1	177	96.4	38.3	32.2	33.0	55.6	44.3	39.4	56.6	1944
1945	27.2	29.2	54.2	171	87.3	110	57.0	34.9	30.0	28.9	106	74.7	58.3	1945
1946	58.3	48.3	69.4	116	147	128	54.3	34.5	27.8	39.3	86.3	77.6	74.0	1946
1947	60.2	51.4	49.8	74.2	323	342	95.4	49.1	44.8	41.8	27.6	22.4	88.5	1947
1948	27.4	30.4	26.5	112	101	34.5	33.7	38.1	28.6	25.1	40.1	45.6	45.4	1948
1949	40.9	44.1	42.4	115	251	80.4	43.4	31.1	32.5	36.9	48.1	25.5	84.4	1949
1950	39.9	35.4	35.1	42.7	270	193	118	45.1	35.0	35.0	51.2	68.2	81.0	1950
1951	54.0	57.2	62.4	184	178	81.0	58.3	56.8	55.6	74.3	103	77.6	83.8	1951
1952	84.7	69.8	69.8	101	86.3	102	87.7	59.9	60.9	85.7	48.3	49.4	71.2	1952
1953	57.4	57.8	58.8	74.8	224	111	86.5	44.3	42.6	35.8	35.6	40.4	70.9	1953
1954	40.6	50.5	45.3	78.6	152	71.5	51.8	46.8	46.1	44.5	44.3	52.9	60.5	1954
1955	51.4	50.8	37.0	86.2	80.0	47.4	45.7	40.1	36.3	46.5	43.5	40.5	48.7	1955
1956	50.9	50.4	47.1	40.2	101	57.4	57.9	52.6	81.4	86.2	81.3	60.0	60.6	1956
1957	82.1	60.8	53.0	129	128	49.3	47.3	57.7	50.3	52.3	59.6	48.8	86.6	1957
1958	52.9	54.9	46.9	73.2	86.7	44.6	45.6	37.1	52.1	58.8	53.6	55.2	52.7	1958
1959	56.7	62.7	59.0	68.3	118	48.4	48.3	47.2	80.3	148	122	85.7	77.0	1959
1960	58.7	61.9	62.9	114	377	114	47.7	47.0	39.2	34.7	38.1	40.9	86.5	1960
1961	53.0	57.1	62.9	80.0	78.0	98.9	58.4	48.0	59.9	83.6	84.9	71.4	87.7	1961
1962	66.5	59.4	71.5	74.8	104	58.0	48.0	48.4	52.9	88.4	68.7	83.7	86.8	1962
1963	66.8	71.2	80.5	72.9	69.8	74.5	72.8	64.9	86.6	53.6	43.8	86.6	66.3	1963
1964	66.4	66.4	67.9	70.5	62.9	66.2	67.6	67.2	66.2	62.9	91.8	71.8	69.3	1964
1965	74.8	83.0	87.2	86.4	93.0	86.4	64.3	69.2	66.8	104	93.6	83.8	82.7	1965
1966	72.9	72.0	70.8	78.2	126	108	63.6	64.5	62.8	69.2	67.1	62.4	76.3	1966
1967	70.8	81.5	83.7	108	176	93.4	73.6	70.2	66.9	74.8	89.4	66.6	86.5	1967
1968	66.5	63.7	64.6	72.0	81.9	66.4	80.2	64.5	70.4	87.8	82.3	86.4	73.7	1968
1969	66.3	66.6	66.3	66.1	109	80.0	70.3	20.1	18.8	40.1	89.0	61.1	66.7	1969
1970	70.2	76.5	67.3	74.4	79.6	92.7	61.9	62.2	66.5	66.8	69.3	63.8	74.3	1970
1971	66.9	67.6	63.5	104	121	125	67.9	72.6	66.2	46.3	66.6	47.9	77.8	1971
1972	66.7	70.4	78.4	86.2	81.5	56.1	72.0	107	109	104	97.2	66.3	84.0	1972
1973	75.3	72.7	83.0	112	191	77.5	77.4	77.5	77.0	70.8	71.0	66.1	66.9	1973
1974	66.2	80.3	69.9	80.3	71.3	73.8	73.2	72.1	73.8	78.9	66.5	66.0	74.6	1974
1975	61.1	66.0	65.4	63.9	96.3	56.5	66.1	47.5	54.5	42.6	19.8	37.6	63.3	1975
1976	53.4	72.1	67.3	91.6	121	69.4	63.1	61.9	42.5	32.6	26.5	29.0	80.8	1976
1977	16.1	27.6	41.1	66.6	51.2	50.7	56.1	56.6	46.6	41.3	66.8	83.1	60.8	1977
1978	80.5	79.6	78.4	80.6	65.2	49.6	58.1	62.5	77.2	60.9	75.3	72.2	70.9	1978
1979	71.2	62.8	75.7	66.7	258	220	66.6	71.2	66.3	76.7	67.0	70.8	102	1979
1980	76.0	64.4	66.2	66.0	66.9	46.2	61.3	65.6	62.9	77.0	65.4	70.4	67.0	1980
1981	63.2	64.1	60.0	60.0	59.3	66.5	72.2	71.1	64.1	46.8	39.4	52.3	59.2	1981
1982	66.3	67.4	64.7	66.1	62.1	66.8	66.6	73.0	66.1	65.4	63.6	96.2	66.9	1982
1983	66.6	62.2	65.5	61.1	92.5	155	67.3	66.3	66.0	74.6	71.4	73.9	63.6	1983
1984	76.2	76.2	77.2	70.9	76.5	73.0	60.2	66.7	66.5	60.4	72.2	71.0	70.2	1984
1985	63.0	77.5	76.2	66.7	63.4	66.2	66.3	76.3	67.6	76.1	80.6	61.2	76.0	1985
1986	76.5	76.6	76.4	60.7	74.4	76.2	36.1	34.6	46.1	46.1	70.6	74.5	63.9	1986
1987	76.0	76.3	74.7	66.0	70.5	46.6	36.3	19.6	27.4	23.1	32.3	37.7	46.4	1987
1988	62.0	61.6	66.1	66.6	60.6	66.7	44.4	36.9	49.1	46.6	41.6	76.0	62.6	1988
MEAN	66.6	66.6	66.0	66.7	141	96.6	66.1	63.4	60.2	67.0	63.2	66.2	71.2	MEAN

LOCATION - LAT 47 54 05 N
LONG 84 42 36 W

DRAINAGE AREA, 6 130 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

NICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	148 ON APR 27	16.4 ON FEB 7	---	1921
1922	---	388 ON MAY 8	---	---	1922
1923	---	202 ON MAY 8	---	---	1923
1924	---	97.4 ON JUN 3	17.0 ON OCT 23	1 270 000	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	231 ON APR 23	24.9 ON SEP 27	2 420 000	1927
1928	---	323 ON MAY 11	28.7 RB ON MAR 11	4 010 000	1928
1929	---	187 R ON MAY 27	---	---	1929
1930	---	232 R ON MAY 8	---	---	1930
1931	---	212 R ON APR 24	---	---	1931
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	430 ON MAY 7	11.9 ON SEP 3	2 080 000	1934
1935	---	253 ON MAY 18	21.0 ON SEP 22	2 500 000	1935
1936	---	430 ON MAY 18	24.1 R ON DEC 29	2 280 000	1936
1937	---	286 ON MAY 3	22.4 RB ON JAN 8	1 930 000	1937
1938	---	470 ON APR 30	17.1 ON OCT 29	2 460 000	1938
1939	---	686 ON MAY 10 *	22.4 ON AUG 14	2 810 000	1939
1940	---	222 ON MAY 22	21.0 ON AUG 25	1 920 000	1940
1941	---	269 ON APR 21	17.1 ON SEP 1	2 580 000	1941
1942	---	231 ON APR 26	18.0 ON AUG 9	2 580 000	1942
1943	---	368 ON MAY 6	25.2 ON SEP 4	2 110 000	1943
1944	---	323 ON MAY 5	22.9 ON JAN 6	1 790 000	1944
1945	---	222 ON APR 13	22.9 ON MAR 3	2 180 000	1945
1946	---	227 ON MAY 29	25.5 ON SEP 2	2 330 000	1946
1947	---	595 ON JUN 16	18.6 ON NOV 30	3 110 000	1947
1948	---	345 ON APR 28	18.1 ON JAN 2	1 430 000	1948
1949	---	515 ON MAY 6	23.5 ON JUL 23	2 030 000	1949
1950	---	411 ON MAY 23	27.8 ON JAN 1	2 560 000	1950
1951	---	288 ON MAY 5	49.3 ON SEP 22	2 840 000	1951
1952	---	198 ON APR 23	37.9 ON DEC 19	2 250 000	1952
1953	---	320 ON MAY 8	11.2 ON SEP 4	2 240 000	1953
1954	---	255 ON MAY 2	22.2 ON NOV 7	1 810 000	1954
1955	---	186 ON APR 25	13.0 ON JUL 1	1 540 000	1955
1956	---	196 ON MAY 16	20.5 ON APR 8	1 910 000	1956
1957	---	488 ON APR 27	4.39 ON SEP 2	2 100 000	1957
1958	---	109 ON APR 23	18.3 ON AUG 16	1 880 000	1958
1959	---	283 ON OCT 25	27.4 ON MAY 21	2 430 000	1959
1960	---	498 ON MAY 14	20.8 ON OCT 30	2 730 000	1960
1961	---	189 ON JUN 5	14.4 ON AUG 8	2 140 000	1961
1962	215 AT 08:00 EST ON JUN 18	164 ON MAY 4	22.4 ON DEC 25	2 080 000	1962
1963	130 AT 21:00 EST ON JUN 20	112 ON JUN 21	10.4 ON NOV 17	2 090 000	1963
1964	117 AT 21:45 EST ON NOV 14	115 ON NOV 15	15.5 ON JUL 1	2 190 000	1964
1965	259 AT 13:45 EST ON OCT 12	144 ON OCT 8	36.5 ON JUL 1	2 810 000	1965
1966	308 AT 14:00 EST ON MAY 23	284 ON MAY 23	25.1 ON OCT 31	2 370 000	1966
1967	263 AT 08:30 EST ON MAY 4	243 ON MAY 5	24.4 ON DEC 25	2 700 000	1967
1968	235 AT 08:45 EST ON AUG 19	211 E ON JUL 21	16.5 ON MAR 24	2 330 000	1968
1969	150 AT 08:50 EST ON JAN 27	125 ON MAY 5	3.03 ON SEP 1	2 170 000	1969
1970	181 AT 21:35 EST ON JUN 1	117 ON MAY 1	25.7 ON FEB 1	2 340 000	1970
1971	230 AT 02:54 EST ON JUN 5	223 E ON MAY 31	17.0 ON OCT 31	2 480 000	1971
1972	221 AT 15:23 EST ON JAN 3	206 ON AUG 26	15.8 ON MAY 28	2 660 000	1972
1973	354 AT 15:21 EST ON MAY 11 *	337 ON MAY 12	22.4 ON DEC 25	2 810 000	1973
1974	180 AT 14:22 EST ON JUN 27	167 ON MAY 3	13.8 ON JAN 1	2 350 000	1974
1975	175 AT 19:06 EST ON MAY 6	170 ON MAY 8	12.8 ON NOV 25	1 880 000	1975
1976	185E AT 15:00 EST ON MAY 6	161 ON MAY 7	0.181 ON DEC 25 *	1 920 000	1976
1977	157 AT 14:20 EST ON APR 19	113 ON APR 22	0.880 ON JAN 11	1 800 000	1977
1978	---	81.5 ON APR 7	24.3 ON JUL 1	2 230 000	1978
1979	---	429 ON MAY 21	15.6 ON DEC 25	3 230 000	1979
1980	---	106 ON APR 28	12.9 ON SEP 1	2 120 000	1980
1981	---	143 ON MAY 6	10.1 ON NOV 17	1 870 000	1981
1982	---	123 ON MAY 3	14.6 ON MAR 22	2 170 000	1982
1983	---	249 ON JUN 4	31.8 ON SEP 5	2 840 000	1983
1984	---	131 ON MAY 1	19.5 ON JUL 2	2 220 000	1984
1985	---	176 ON APR 25	31.0 ON SEP 2	2 370 000	1985
1986	---	81.7 ON APR 7	14.9 ON AUG 3	2 020 000	1986
1987	---	83.6 ON APR 1	13.6 ON AUG 10	1 530 000	1987
1988	---	88.3 ON DEC 25	18.7 ON AUG 24	1 660 000	1988
				2 250 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	5.88	7.83	---	1983
1984	1.58	26.3	12.4	6.43	1.66	2.77	0.311	0.141	0.807	0.408	7.01	14.1	6.08	1984
1985	3.67	8.43	32.8	18.7	1.88	1.06	0.355	5.15	4.90	5.31	13.8	6.10	6.57	1985
1986	4.64	2.15	27.8	5.75	3.26	1.70	0.507	3.74	28.4	18.0	3.70	5.03	8.75	1986
1987	2.85	1.05	18.6	7.84	0.846	0.729	7.66	3.11	0.348	2.12	9.38	12.8	5.84	1987
1988	4.84	5.83	18.2	6.05	2.36	0.241	0.080	0.075	0.302	3.88	10.2	6.14	4.88	1988
MEAN	3.48	8.75	21.9	8.16	1.90	1.30	1.78	2.44	6.85	5.96	8.48	8.83	6.78	MEAN

LOCATION - LAT 43 43 05 N
LONG 81 07 28 W
DRAINAGE AREA, 418 km^2
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL OCT 26 1983

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	32.88 AT 21:26 EST ON DEC 13	---	---	---	1983
1984	88.0 AT 15:17 EST ON DEC 30	84.7 ON DEC 30	0.048 ON AUG 18	182 000	1984
1985	126 AT 13:30 EST ON MAR 29 *	121 ON MAR 29 *	0.080 ON JUL 30	270 000	1985
1986	108 AT 03:22 EST ON SEP 13	104 ON SEP 13	0.163 ON AUG 13	278 000	1986
1987	56.4 AT 21:33 EST ON NOV 26	50.5 ON NOV 26	0.117 ON JUN 21	178 000	1987
1988	---	72.3 ON MAR 28	0.014 ON AUG 22 *	184 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		214 000	MEAN

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	10.7	21.4	18.5	---	1967
1968	4.81	27.1	24.9	9.08	2.71	1.30	0.725	3.88	2.62	7.08	13.5	15.7	9.39	1968
1969	14.0	16.1	23.6	38.5	15.9	1.92	0.814	0.574	0.277	0.548	4.62	3.83	9.99	1969
1970	2.26	3.33	6.99	35.9	5.43	1.24	1.24	0.844	0.667	1.83	4.80	10.4	8.18	1970
1971	4.28	4.35	16.6	38.3	2.30	2.42	0.746	0.400	0.283	0.304	0.412	4.73	8.32	1971
1972	6.30	3.39	12.7	44.8	3.26	2.84	2.71	0.483	0.319	2.90	5.79	13.2	9.17	1972
1973	22.5	7.06	34.0	9.11	8.65	2.08	0.547	0.382	0.203	0.278	3.37	5.51	7.84	1973
1974	17.7	8.82	24.9	25.9	20.7	1.62	0.447	0.222	0.211	0.298	2.28	1.44	8.72	1974
1975	9.16	8.59	23.8	40.0	3.89	2.21	0.841	18.0	10.2	2.43	5.97	17.4	11.9	1975
1976	8.52	23.3	61.8	14.8	9.84	0.909	1.57	0.593	0.956	1.35	4.30	3.48	10.8	1976
1977	2.28	2.18	51.9	8.54	1.06	0.481	0.393	2.51	5.93	10.8	10.1	10.5	8.99	1977
1978	4.65	2.89	10.0	51.7	5.02	1.76	0.419	0.301	2.62	4.43	4.02	4.88	7.69	1978
1979	6.55	2.67	47.5	33.5	4.96	0.982	0.543	0.384	0.268	2.05	14.7	22.0	11.4	1979
1980	4.35	1.51	27.3	23.4	4.10	1.46	0.523	0.380	0.589	2.08	2.34	6.35	6.44	1980
1981	2.17	36.9	10.1	7.06	6.46	1.65	0.499	0.459	3.38	13.0	6.86	5.46	7.68	1981
1982	3.08	1.48	24.6	45.8	1.94	6.29	1.24	1.50	2.08	1.78	18.7	28.4	11.4	1982
1983	5.95	9.11	8.05	10.0	15.5	4.00	0.721	0.741	4.60	5.22	8.57	12.6	7.08	1983
1984	3.93	43.9	18.8	10.3	2.83	4.51	0.863	0.462	1.71	1.01	10.4	17.5	9.80	1984
1985	8.29	17.1	51.1	32.2	2.88	1.80	0.845	5.41	6.70	8.11	19.8	9.06	13.4	1985
1986	7.38	4.46	41.3	9.45	5.32	2.70	0.899	4.85	41.0	27.1	6.10	8.48	13.3	1986
1987	4.64	2.10	27.0	12.6	1.34	1.28	9.83	4.37	0.712	3.82	14.3	20.3	8.81	1987
1988	7.67	9.19	30.2	9.69	3.51	0.518	0.178	0.238	0.628	8.80	17.3	9.91	9.16	1988
MEAN	6.98	11.3	27.5	24.4	6.11	2.09	1.25	2.26	4.11	5.25	9.07	11.5	9.19	MEAN

LOCATION - LAT 43 48 46 N, LONG 81 18 25 W
DRAINAGE AREA, 648 km^2
NATURAL FLOW

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	145 AT 02:30 EST ON FEB 4	136 ON FEB 4	0.283 ON JUL 28	287 000	1968
1969	164 AT 03:30 EST ON APR 6	147 ON APR 6	0.238 ON SEP 8	315 000	1969
1970	154 AT 21:08 EST ON APR 10	145 ON APR 10	0.384 ON AUG 17	185 000	1970
1971	---	116 A ON APR 10	0.241 ON SEP 18	189 000	1971
1972	159 AT 22:23 EST ON APR 14	149 ON APR 14	0.275 ON SEP 13	258 000	1972
1973	89.6 AT 01:50 EST ON MAR 13	87.2 ON JAN 1	0.181 ON OCT 6	260 000	1973
1974	142 AT 20:44 EST ON MAR 5	138 ON MAY 18	0.181 ON SEP 11	275 000	1974
1975	251 AT 05:01 EST ON APR 20	237 ON APR 20	0.283E ON JUL 6	376 000	1975
1976	255 AT 01:24 EST ON MAR 22	230 ON MAR 22	0.371 ON AUG 11	361 000	1976
1977	306 AT 00:40 EST ON MAR 15 *	282 ON MAR 15 *	0.195 ON JUL 28	283 000	1977
1978	159 AT 03:21 EST ON APR 8	152 ON APR 8	0.238 ON AUG 14	243 000	1978
1979	188 AT 03:03 EST ON APR 15	173 ON APR 15	0.189 ON SEP 28	359 000	1979
1980	138 AT 02:45 EST ON MAR 23	125 B ON MAR 22	0.217 ON AUG 27	204 000	1980
1981	220 AT 16:41 EST ON FEB 23	200 ON FEB 23	0.203 ON AUG 27	242 000	1981
1982	228 AT 03:06 EST ON APR 2	208 ON APR 2	0.426 ON AUG 22	381 000	1982
1983	54.8 AT 05:47 EST ON DEC 14	49.6 ON DEC 14	0.222 ON AUG 28	224 000	1983
1984	128 AT 11:00 EST ON FEB 20	125 ON FEB 20	0.180 ON AUG 21	300 000	1984
1985	196 AT 20:13 EST ON MAR 29	186 ON MAR 29	0.251 ON AUG 14	422 000	1985
1986	143 AT 08:52 EST ON SEP 13	139 ON SEP 13	0.364 ON AUG 22	420 000	1986
1987	78.1 AT 21:48 EST ON NOV 26	71.3 ON MAR 24	0.358 ON JUN 21	272 000	1987
1988	---	116 ON MAR 28	0.116 ON JUL 19 *	258 000	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		290 000	MEAN

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	4.02	1.35	2.93	1.08	0.383	0.162	0.088	0.021	0.074	0.174	---	1953
1954	0.170	2.71	4.74	2.84	0.401	0.105	0.028	0.028	0.085	3.18	0.924	0.947	1.31	1954
1955	1.25	0.494	4.18	2.38	0.804	0.175	0.088	0.082	0.048	0.078	0.790	1.02	0.931	1955
1956	0.384	0.187	3.14	5.35	3.15	0.318	1.28	0.885	0.694	0.248	0.267	1.36	1.37	1956
1957	1.59	1.78	3.01	1.84	0.445	0.878	0.705	0.038	1.30	0.257	1.36	2.62	1.22	1957
1958	0.264	0.059	1.80	0.654	0.082	0.021	0.033	0.051	0.122	0.048	0.243	0.262	0.268	1958
1959	1.06	1.11	2.18	5.85	1.83	0.092	0.129	0.178	0.157	0.741	2.37	1.28	1.37	1959
1960	0.830	1.11	1.39	5.02	1.95	0.287	0.022	0.018	0.018	0.015	0.078	0.030	0.871	1960
1961	0.014	0.477	1.44	0.998	0.827	0.282	0.885	0.107	0.093	0.033	0.458	1.11	0.538	1961
1962	0.381	0.171	3.25	1.48	0.188	0.104	0.088	0.037	0.035	0.042	0.139	0.284	0.512	1962
1963	0.105	0.078	2.84	1.17	0.708	0.142	0.037	0.033	0.032	0.052	0.102	0.051	0.482	1963
1964	0.489	0.288	2.42	1.88	0.371	0.050	0.024	0.338	0.078	0.138	0.108	0.910	0.575	1964
1965	0.380	2.72	1.18	3.81	0.821	0.083	0.087	0.337	0.223	2.80	1.77	2.88	1.38	1965
1966	0.825	1.09	2.51	1.24	0.483	0.492	0.053	0.032	0.080	0.046	0.447	2.12	0.799	1966
1967	1.58	0.487	3.47	2.85	0.417	1.33	0.893	0.102	0.201	1.43	2.37	3.00	1.34	1967
1968	0.274	2.71	2.88	1.01	0.378	0.080	0.071	0.875	0.488	1.18	1.82	1.32	1.09	1968
1969	1.24	1.08	2.49	4.81	1.88	0.188	0.059	0.055	0.108	0.077	0.431	0.238	1.00	1969
1970	0.128	0.187	0.477	4.70	0.480	0.114	0.188	0.038	0.041	0.100	0.304	0.788	0.823	1970
1971	0.273	0.285	1.35	5.07	0.234	0.108	0.056	0.042	0.042	0.043	0.057	0.306	0.880	1971
1972	0.382	0.187	0.908	5.43	0.328	0.134	0.188	0.048	0.053	0.253	0.549	1.44	0.904	1972
1973	2.20	0.772	4.18	0.886	0.908	0.207	0.057	0.031	0.048	0.047	0.431	0.728	0.898	1973
1974	2.06	0.731	3.05	3.26	2.54	0.188	0.045	0.026	0.023	0.030	0.180	0.092	1.02	1974
1975	0.730	0.725	1.98	4.27	0.413	0.174	0.048	1.34	1.08	0.587	0.813	2.00	1.18	1975
1976	0.857	2.28	5.52	1.86	1.09	0.188	0.420	0.070	0.178	0.332	0.880	0.318	1.20	1976
1977	0.144	0.124	5.26	0.922	0.107	0.089	0.078	0.435	1.06	1.52	1.38	1.42	1.06	1977
1978	0.484	0.248	1.22	5.89	0.847	0.273	0.080	0.033	0.302	0.328	0.388	0.571	0.848	1978
1979	1.52	0.133	5.84	4.05	0.508	0.088	0.085	0.034	0.042	0.121	1.48	2.38	1.37	1979
1980	0.718	0.131	3.08	2.23	0.336	0.108	0.088	0.033	0.046	0.268	0.287	1.05	0.898	1980
1981	0.181	3.88	0.910	0.581	0.427	0.084	0.034	0.072	0.312	1.53	0.881	0.587	0.771	1981
1982	0.229	0.078	2.75	3.46	0.181	1.13	0.128	0.200	0.223	0.218	2.78	3.25	1.22	1982
1983	0.586	0.956	1.06	1.10	1.86	0.363	0.037	0.045	0.338	0.518	0.980	1.07	0.725	1983
1984	0.285	4.81	2.10	1.03	0.228	0.271	0.059	0.037	0.072	0.088	0.772	2.07	0.843	1984
1985	0.518	2.61	4.78	3.24	0.325	0.208	0.086	0.247	0.361	0.804	2.28	3.87	1.56	1985
1986	1.19	0.327	4.48	0.848	0.825	0.241	0.043	0.402	8.18	2.88	0.572	0.873	1.63	1986
1987	0.484	0.187	2.95	1.32	0.178	0.148	0.359	0.128	0.033	0.183	1.41	1.88	0.778	1987
1988	0.823	1.00	2.98	1.07	0.512	0.047	0.030	0.028	0.072	0.503	1.53	0.805	0.781	1988
MEAN	0.892	1.02	2.77	2.87	0.780	0.285	0.177	0.180	0.388	0.559	0.874	1.21	0.988	MEAN

LOCATION - LAT 43 43 38 N
LONG 80 58 20 W

DRAINAGE AREA, 77.7 km²
REGULATED

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	13.8 ON MAY 28	0 ON OCT 10 *	---	1953
1954	---	34.5 ON MAR 1	0.028E ON JUL 1	41 400	1954
1955	---	22.9 ON MAR 11	0.028 ON MAY 21	29 400	1955
1956	---	31.1 ON APR 4	0.087 ON AUG 19	43 200	1956
1957	---	18.8 ON FEB 28	0.014 ON AUG 18	38 400	1957
1958	---	8.25 ON MAR 27	0 ON MAY 30	9 100	1958
1959	---	22.8 ON APR 2	0.028 ON JUN 14	43 200	1959
1960	33.7 AT 17:30 EST ON APR 3	28.3 ON APR 3	0.003 ON OCT 9	30 700	1960
1961	---	5.32 ON DEC 5	0.008 ON JUL 16	16 800	1961
1962	---	25.0 ON MAR 29	0.008 ON NOV 5	18 100	1962
1963	---	17.1 ON MAR 28	0 ON JUN 28	14 200	1963
1964	---	11.7 ON APR 7	0.008 ON AUG 1	16 200	1964
1965	---	21.7 ON FEB 10	0.011 ON JUN 28	43 000	1965
1966	28.1 AT 05:00 EST ON DEC 7	21.7 ON DEC 7	0.014 ON JUL 24	25 200	1966
1967	32.8 AT 01:30 EST ON APR 3	17.2 ON APR 3	0.031 ON SEP 5	42 200	1967
1968	43.8 AT 12:05 EST ON FEB 2	33.1 ON FEB 2	0.014 ON JUN 12	34 300	1968
1969	34.8 AT 02:48 EST ON APR 5	26.0 ON APR 5	0.018 ON JUL 21	31 700	1969
1970	33.1 AT 18:17 EST ON APR 9	21.5 ON APR 9	0.009 ON AUG 18	18 700	1970
1971	26.8 AT 21:08 EST ON APR 9	16.5 ON APR 9	0.011 ON JUL 4	20 500	1971
1972	46.4 AT 20:13 EST ON APR 14	32.0 ON APR 14	0.021 ON JUN 19	28 600	1972
1973	28.2 AT 16:58 EST ON MAR 11	12.3 ON MAR 12	0.008 ON JUL 22	25 100	1973
1974	49.6 AT 01:57 EST ON MAY 17	27.0 ON MAY 17	0.008A ON SEP 23	32 200	1974
1975	79.0 AT 04:55 EST ON APR 19 *	47.6 ON APR 19	0.013 ON AUG 23	37 200	1975
1976	89.1 AT 03:07 EST ON MAR 21	42.2 ON MAR 21	0.019 ON AUG 8	36 100	1976
1977	62.6 AT 09:00 EST ON MAR 13	55.8 ON MAR 13 *	0.008 ON JUL 24	33 300	1977
1978	29.7 AT 15:12 EST ON APR 11	22.8 ON APR 11	0.007 ON AUG 5	24 700	1978
1979	86.7 AT 02:38 EST ON APR 14	41.6 ON APR 14	0.011 ON AUG 28	43 200	1979
1980	58.0 AT 12:55 EST ON MAR 21	32.5 ON MAR 21	0.015 ON SEP 7	22 100	1980
1981	34.5 AT 15:05 EST ON FEB 23	24.1 ON FEB 23	0.018 ON JUL 23	24 300	1981
1982	58.8 AT 18:34 EST ON MAR 31	36.7 ON MAR 31	0.031 ON SEP 15	38 500	1982
1983	8.37 AT 15:44 EST ON MAY 2	8.12 ON MAY 2	0.008 ON AUG 8	12 900	1983
1984	28.8 AT 16:24 EST ON DEC 29	20.8 B ON FEB 14	0.018 ON AUG 28	29 800	1984
1985	38.8 AT 05:47 EST ON APR 5	30.8 ON APR 5	0.007 ON AUG 12	48 200	1985
1986	52.8 AT 20:07 EST ON SEP 11	39.8 ON SEP 11	0.008 ON AUG 14	46 200	1986
1987	12.2 AT 02:01 EST ON NOV 28	8.83 ON NOV 28	0.013 ON AUG 30	24 500	1987
1988	---	14.5 ON MAR 24	0.004 ON JUL 20	25 000	1988
				30 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	1.14	1.12	1.17	1.30	1.48	1.47	1.72	1.82	1.36	1.23	1.18	1.18	1.32	1983
1984	1.20	1.24	1.31	2.22	2.88	2.81	2.85	2.38	3.53	4.31	5.53	1.74	2.84	1984
1985	1.83	2.83	4.09	4.79	5.26	4.50	2.77	3.01	2.38	1.88	1.98	4.85	3.53	1985
1986	6.85	9.57	9.97	4.81	5.23	8.77	6.83	3.78	2.48	1.50	1.04	1.20	5.05	1986
1987	1.21	4.35	13.4	2.12	3.25	15.0	31.2	19.6	8.78	8.43	10.2	25.1	12.0	1987
1988	26.3	21.3	7.81	5.87	7.40	7.78	5.56	3.70	3.11	3.18	3.78	5.11	8.38	1988
1989	14.8	20.4	8.75	8.10	29.8	17.0	10.8	8.49	8.83	5.87	8.97	5.35	11.8	1989
1970	5.36	5.43	5.57	8.32	8.33	5.91	5.84	2.83	1.80	1.08	3.84	12.6	5.22	1970
1971	2.55	1.88	1.37	1.08	1.26	1.30	2.68	2.09	2.57	3.98	3.85	1.88	2.16	1971
1972	2.67	4.88	23.1	10.7	9.81	5.80	5.05	3.82	7.32	6.27	5.30	18.5	8.44	1972
1973	16.5	13.6	5.55	21.5	14.2	10.5	10.8	9.24	8.83	8.83	8.85	8.82	10.8	1973
1974	8.23	8.74	10.3	8.89	24.5	10.7	5.59	3.80	2.84	1.82	1.74	1.82	7.81	1974
1975	0.538	0.563	18.8	13.5	18.8	3.73	2.88	4.85	4.28	3.87	3.35	0.319	6.32	1975
1976	7.82	17.7	15.7	2.11	2.01	2.40	5.60	8.08	13.1	18.4	13.8	13.8	8.88	1976
1977	13.5	13.0	8.27	3.88	3.88	3.39	3.13	3.35	4.18	18.5	18.4	18.8	9.58	1977
1978	20.3	20.1	18.2	19.3	17.0	8.75	3.10	2.43	14.0	13.0	4.88	2.88	12.0	1978
1979	3.71	17.8	14.0	8.18	16.5	4.91	3.88	2.21	2.04	3.18	1.45	4.84	7.15	1979
1980	14.0	2.27	5.23	23.0	11.5	5.30	7.18	18.2	8.85	1.23	1.22	2.51	8.38	1980
1981	15.9	18.0	13.6	8.18	6.32	5.11	5.06	4.39	3.80	2.85	2.55	2.74	7.22	1981
1982	8.24	17.3	16.7	8.43	3.85	12.5	10.8	8.82	4.13	3.06	1.85	8.04	8.26	1982
1983	16.4	20.1	6.99	10.9	15.1	4.42	3.82	2.88	1.87	1.20	1.08	1.80	7.25	1983
1984	5.85	13.8	15.6	8.12	2.30	5.36	4.83	3.77	3.40	1.78	2.08	1.07	5.41	1984
1985	5.13	17.8	23.6	12.9	8.22	5.90	5.47	4.57	7.52	13.8	22.9	18.8	12.2	1985
1986	16.2	15.8	15.4	5.50	5.86	6.65	3.53	10.2	19.1	27.6	26.4	24.9	14.6	1986
1987	6.80	4.54	7.80	2.76	2.71	3.03	3.13	2.69	1.56	1.11	4.71	13.6	4.89	1987
1988	10.1	19.2	8.54	2.43	1.83	1.78	1.41	1.35	0.920	0.471	0.633	5.04	4.28	1988
MEAN	9.08	11.3	10.7	7.83	8.85	8.38	8.08	5.45	5.22	5.89	6.16	7.84	7.55	MEAN

LOCATION - LAT 44 44 56 N
LONG 79 18 57 W REGULATED

REMARKS - DATA FOR 1983-82 REVISED IN OCT 1983

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	1.84 ON JUL 3	1.10 ON FEB 1	41 800	1983
1984	---	7.59 ON SEP 20	1.15 ON JAN 1	83 500	1984
1985	---	7.83 ON DEC 28	1.42 ON OCT 4	111 000	1985
1986	---	10.1 ON JUN 15	0.886 ON NOV 16	159 000	1985
1987	---	40.5 E ON JUL 2 *	0.897 ON JAN 21	377 000	1987
1988	---	30.9 ON JAN 3	2.21 ON MAR 20	285 000	1988
1989	---	32.8 ON MAY 15	3.45 ON APR 11	371 000	1989
1970	---	15.5 ON NOV 25	0.510 ON NOV 13	184 000	1970
1971	---	11.9 E ON JAN 1	0.419 ON MAR 23	88 100	1971
1972	---	27.3 ON MAY 15	1.05 ON APR 14	257 000	1972
1973	---	30.9 R ON APR 11	1.25 ON MAR 17	341 000	1973
1974	---	31.1 ON MAY 15	1.15 ON DEC 4	237 000	1974
1975	---	35.8 E ON MAY 15	0.1435 ON DEC 3 *	189 000	1975
1976	---	20.5 ON MAR 24	0.1435 ON JAN 1	316 000	1976
1977	---	21.1 ON SEP 30	2.68 ON JUL 28	302 000	1977
1978	---	25.4 ON MAY 17	0.840 ON AUG 23	377 000	1978
1979	---	28.9 ON MAY 7	0.520 ON NOV 13	225 000	1979
1980	---	32.5 ON APR 25	0.525 ON DEC 3	285 000	1980
1981	---	27.2 ON MAR 3	2.02 ON NOV 20	228 000	1981
1982	---	31.1 ON JUN 22	1.02 ON NOV 1	261 000	1982
1983	---	24.4 ON MAY 14	0.441 ON NOV 3	229 000	1983
1984	---	18.5 ON APR 2	0.585 ON DEC 7	171 000	1984
1985	---	34.6 ON APR 3	1.47 ON OCT 15	284 000	1985
1986	---	33.1 ON SEP 30	2.81 ON SEP 14	458 000	1986
1987	---	20.9 ON DEC 31	0.370 ON MAR 24	154 000	1987
1988	---	33.2 E ON FEB 13	0.195 ON OCT 15	135 000	1988
				238 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	8.85	3.38	---	---	---	---	---	---	---	---	---	1938
1939	---	---	---	14.5	---	---	---	---	---	---	---	---	---	1939
1940	---	---	---	18.5	4.15	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.29	1.08	---	---	---	---	---	---	---	---	1941
1942	---	---	13.1	3.82	---	---	---	---	---	---	---	---	---	1942
1943	---	---	18.0	7.24	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	8.26	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	8.21	---	---	---	---	---	7.51	3.88	3.39	---	1945
1946	---	---	14.0	2.82	3.17	2.51	0.857	0.750	0.611	0.542	1.22	---	---	1946
1947	---	---	13.1	20.4	7.99	9.98	1.57	0.800	0.658	0.857	0.571	0.824	---	1947
1948	---	---	18.7	2.92	5.92	0.877	0.970	0.747	0.488	0.765	1.25	1.17	---	1948
1949	5.85	13.1	8.83	2.28	1.11	0.801	0.617	0.475	0.808	1.24	0.988	11.7	3.75	1949
1950	12.7	2.84	13.9	9.25	0.838	0.655	1.18	1.40	1.09	1.07	3.04	5.83	4.81	1950
1951	8.51	8.55	15.6	11.3	1.70	0.903	0.550	0.486	0.813	0.855	3.48	2.03	4.50	1951
1952	6.03	6.43	9.15	8.18	1.59	0.329	0.278	0.664	0.732	0.635	1.07	2.01	3.08	1952
1953	1.76	3.12	10.8	2.83	4.01	5.08	0.256	0.581	0.200	0.669	0.858	1.04	2.80	1953
1954	1.64	13.3	15.1	11.5	0.953	0.201	0.419	0.091	0.187	7.85	1.54	3.42	4.81	1954
1955	4.19	3.00	15.6	5.20	1.41	1.27	0.386	0.424	0.832	1.87	3.13	5.49	3.85	1955
1956	2.36	2.78	17.1	9.39	11.4	1.03	3.82	8.25	4.31	1.64	2.42	5.89	5.00	1956
1957	4.12	5.46	7.13	8.10	3.21	2.34	2.56	0.500	1.33	1.20	4.92	9.39	4.18	1957
1958	1.60	1.27	6.67	2.63	0.747	0.535	0.512	0.211	0.867	0.488	1.24	0.949	1.48	1958
1959	1.98	2.41	12.3	10.5	2.97	1.26	0.784	0.689	0.670	3.40	5.38	5.20	3.97	1959
1960	1.38	2.95	4.72	21.0	5.62	3.20	1.11	0.755	0.461	0.545	0.912	0.533	3.57	1960
1961	0.149	4.17	4.57	4.77	3.06	0.719	0.821	0.688	0.824	0.388	1.42	2.18	1.94	1961
1962	0.882	1.19	14.5	3.88	1.78	1.05	0.358	0.421	0.258	0.655	1.52	1.77	2.37	1962
1963	0.765	0.414	12.9	2.99	2.36	0.549	0.288	0.309	0.297	0.246	0.371	0.198	1.84	1963
1964	0.717	0.470	4.84	4.87	1.44	0.427	0.302	2.69	0.593	0.478	0.585	3.63	1.78	1964
1965	3.38	10.3	8.04	13.6	1.89	0.327	0.340	0.149	0.294	0.850	2.11	6.25	3.91	1965
1966	2.14	4.51	7.65	4.70	2.85	1.47	0.295	0.434	0.321	0.474	3.09	9.67	3.13	1966
1967	5.08	2.85	10.3	10.2	3.24	2.44	1.18	1.87	0.873	3.89	5.10	8.33	4.71	1967
1968	3.09	12.9	8.06	3.25	1.69	1.83	0.687	0.395	0.844	1.35	3.49	3.53	3.47	1968
1969	7.31	4.05	9.70	9.06	4.57	1.33	0.596	0.364	0.259	0.542	1.51	1.32	3.38	1969
1970	1.21	1.59	5.42	8.12	1.83	0.615	0.651	0.263	0.380	0.662	2.07	3.21	2.17	1970
1971	1.58	3.44	10.2	9.73	1.36	0.731	0.315	0.321	0.338	0.394	0.488	1.18	2.49	1971
1972	1.93	1.01	9.66	11.6	3.44	1.61	1.51	0.976	0.571	1.98	3.83	5.20	3.62	1972
1973	7.10	3.88	19.1	5.22	3.19	1.19	0.620	0.392	0.354	0.805	3.07	3.20	4.01	1973
1974	8.94	4.75	10.5	6.84	6.90	1.85	0.893	0.472	0.441	0.508	1.88	1.04	3.72	1974
1975	4.56	6.81	10.5	8.93	1.91	1.80	0.859	0.975	1.26	0.806	1.40	3.47	3.85	1975
1976	2.75	14.0	17.8	4.93	4.26	1.02	2.21	3.95	1.27	2.01	3.12	1.48	4.67	1976
1977	1.02	1.74	22.3	7.21	1.46	0.964	0.685	1.13	4.50	5.11	4.88	9.23	5.04	1977
1978	2.30	1.82	7.49	21.5	3.06	1.21	0.528	0.362	1.13	1.04	1.16	2.24	3.84	1978
1979	2.84	1.76	18.1	13.3	2.58	1.01	0.618	0.605	0.531	0.808	5.13	7.74	4.45	1979
1980	3.87	1.58	8.76	8.18	2.78	1.21	1.62	0.548	0.613	1.08	0.929	2.87	2.98	1980
1981	0.778	14.4	3.72	4.89	2.32	1.53	0.792	0.772	3.15	5.23	3.21	2.13	3.50	1981
1982	2.08	0.995	16.4	13.9	2.36	2.92	0.818	0.967	2.00	1.10	8.60	11.5	5.17	1982
1983	3.07	5.18	4.08	8.89	8.85	3.02	1.88	3.91	1.07	1.34	3.48	7.45	4.18	1983
1984	1.45	18.3	8.33	6.05	2.56	5.10	2.83	0.852	2.51	0.903	2.66	5.68	4.70	1984
1985	3.87	11.8	20.9	9.80	1.23	1.55	1.11	2.28	1.46	3.82	11.0	5.44	5.11	1985
1986	5.03	2.16	15.4	4.28	2.82	1.82	1.18	1.02	3.86	7.82	3.22	5.58	4.55	1986
1987	2.81	1.17	9.78	8.38	2.87	2.54	1.14	0.881	0.688	1.11	3.48	8.25	3.59	1987
1988	1.87	2.71	8.58	3.44	1.74	0.457	0.347	0.371	0.388	1.80	4.56	2.85	2.39	1988
MEAN	3.35	5.13	11.5	8.22	3.08	1.70	0.858	1.08	1.04	1.76	2.77	4.39	3.88	MEAN

LOCATION - LAT 43 03 32 N LONG 80 59 18 W DRAINAGE AREA, 306 km² REGULATED

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	
1939	---	---	---	---	1938
					1939
1940	---	---	---	---	
1941	---	---	---	---	1940
1942	---	---	---	---	1941
1943	---	---	---	---	1942
1944	---	---	---	---	1943
					1944
1945	---	---	---	---	
1946	---	81.4 ON MAR 7	---	---	1945
1947	---	125 ON APR 5	---	---	1946
1948	115 ON MAR 16	109 ON MAR 16	0.142 ON SEP 25	---	1947
1949	---	92.38 ON FEB 15	0.198 ON SEP 5	118 000	1948
					1949
1950	115 AT 10:00 EST ON APR 4	85.7 ON APR 4	0.170 ON OCT 1	146 000	1950
1951	---	73.6 ON JAN 4	0.227 ON OCT 30	142 000	1951
1952	---	50.7 ON APR 12	0 ON OCT 1 *	97 400	1952
1953	93.4 AT 12:00 EST ON MAR 4	57.8 ON MAR 4	0 ON JUL 1	81 900	1953
1954	139 AT 18:00 EST ON FEB 16	112 ON FEB 16	0 ON MAY 28	148 000	1954
1955	---	63.4 ON MAR 11	0 ON JUL 1	115 000	1955
1956	141 AT 08:00 EST ON MAR 7	114 ON MAR 7	0.170 ON JUN 15	190 000	1956
1957	86.8 ON DEC 21	55.2 ON DEC 21	0.028 ON SEP 8	132 000	1957
1958	18.3 AT 02:00 EST ON MAR 24	16.7 ON MAR 24	0.028 ON JUL 27	46 700	1958
1959	48.0 AT 16:00 EST ON APR 2	45.3 ON APR 2	0.057 ON AUG 9	126 000	1959
1960	78.6 AT 06:00 EST ON MAR 31	76.7 ON MAR 31	0.085 ON OCT 16	113 000	1960
1961	---	17.58 ON FEB 25	0.006 ON OCT 22	61 300	1961
1962	41.68 AT 05:00 EST ON MAR 13	30.08 ON MAR 28	0 ON AUG 5	74 800	1962
1963	81.6 AT 21:30 EST ON MAR 25	60.3 ON MAR 25	0.078 ON JUL 14	88 000	1963
1964	34.0 AT 19:00 EST ON DEC 25	28.2 ON DEC 25	0.057 ON JUL 12	86 200	1964
1965	164 AT 21:00 EST ON FEB 10	84.1 ON FEB 10	0 ON AUG 15	123 000	1965
1966	86.7 AT 20:00 EST ON DEC 7	65.7 ON DEC 7	0.023 ON SEP 10	98 800	1966
1967	84.7 AT 08:30 EST ON APR 3	64.0 ON APR 3	0.368 ON SEP 16	148 000	1967
1968	192 AT 13:30 EST ON FEB 2 *	154 ON FEB 2 *	0.276 ON AUG 10	110 000	1968
1969	92.9 AT 22:30 EST ON JAN 30	63.7 ON JAN 31	0 ON AUG 30	107 000	1969
1970	30.0 AT 19:38 EST ON APR 2	25.7 ON APR 3	0.156 ON AUG 28	88 500	1970
1971	71.9 AT 11:40 EST ON APR 2	61.2 ON APR 2	0.144 ON AUG 8	78 800	1971
1972	83.18 AT 17:02 EST ON MAR 22	45.38 ON MAR 22	0.408 ON SEP 23	114 000	1972
1973	89.8 AT 23:51 EST ON MAR 11	59.2 ON MAR 12	0.241A ON SEP 12	127 000	1973
1974	---	77.0A ON MAR 5	0.311A ON AUG 22	117 000	1974
1975	86.9 AT 21:00 EST ON FEB 24	80.3 ON FEB 24	0.374 ON AUG 2	112 000	1975
1976	176 AT 20:21 EST ON MAR 5	81.6 ON MAR 6	0.550 ON SEP 8	164 000	1976
1977	175 AT 08:13 EST ON MAR 13	144 ON MAR 13	0.413 ON JUL 28	159 000	1977
1978	104 AT 22:26 EST ON APR 1	71.6 ON APR 2	0.297 ON SEP 2	115 000	1978
1979	180 AT 09:15 EST ON APR 14	116 ON APR 14	0.416 ON JUL 23	140 000	1979
1980	78.3 AT 23:11 EST ON MAR 17	48.0 ON MAR 21	0.348 ON AUG 28	94 100	1980
1981	85.8 AT 21:00 EST ON FEB 23	53.9 ON FEB 20	0.430 ON AUG 25	110 000	1981
1982	137 AT 05:43 EST ON MAR 31	120 ON MAR 31	0.471 ON AUG 19	183 000	1982
1983	84.0 AT 01:14 EST ON MAY 3	45.4 ON MAY 3	0.451 ON JUL 27	132 000	1983
1984	142 AT 10:56 EST ON FEB 14	115 ON FEB 14	0.480 ON AUG 27	149 000	1984
1985	116 AT 23:32 EST ON FEB 24	90.4 ON FEB 25	0.511 ON AUG 6	193 000	1985
1986	105 AT 20:43 EST ON MAR 19	68.9 ON MAR 19	0.530E ON SEP 3	143 000	1986
1987	83.9 AT 04:05 EST ON MAY 31	51.3 ON MAY 31	0.417 ON SEP 6	113 000	1987
1988	---	31.5 ON MAR 9	0.139 ON JUL 9	75 800	1988
				118 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILL CREEK NEAR RED WING - STATION NO. 02FB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.314	0.700	0.875	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.314	0.700	0.875	---	---	---	MEAN

LOCATION - LAT 44 27 00 N, LONG 80 26 50 W
DRAINAGE AREA, 127 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	0.430	0.154	0.783	0.381	---	---	---	1968
1969	---	---	---	---	2.55	1.46	0.631	0.731	0.234	0.296	1.63	---	---	1969
1970	---	---	---	---	---	---	0.307	0.152	0.181	0.416	1.58	1.55	---	1970
1971	0.884	0.775	3.84	8.67	2.01	0.581	0.338	0.287	0.180	0.181	0.268	1.67	1.81	1971
1972	1.08	0.933	1.85	11.5	3.18	2.30	1.30	0.670	0.312	1.54	3.37	4.43	2.70	1972
1973	4.88	3.57	8.47	5.22	2.23	0.893	0.232	0.145	0.159	0.236	1.13	2.72	2.31	1973
1974	7.08	3.08	4.08	8.91	2.84	0.907	0.378	0.188	0.108	0.098	0.476	1.88	2.29	1974
1975	2.55	1.80	5.72	5.25	1.48	1.18	0.208	0.084	0.207	0.142	0.858	2.26	1.79	1975
1976	1.45	4.85	12.9	5.02	1.87	1.45	0.604	0.258	0.191	0.436	0.859	0.613	2.50	1976
1977	0.381	0.531	8.13	2.61	0.818	0.298	0.184	0.288	0.482	2.56	2.48	3.21	1.68	1977
1978	4.20	2.77	5.16	8.33	1.43	0.585	0.095	0.044	0.143	0.197	1.12	2.39	2.20	1978
1979	2.88	2.34	7.45	4.88	1.39	1.05	0.243	0.189	1.10	2.39	2.85	3.83	2.64	1979
1980	2.10	0.733	5.13	4.84	3.11	0.408	0.220	0.790	1.42	1.73	2.37	3.92	2.22	1980
1981	0.740	5.02	2.98	1.01	0.873	0.634	0.428	0.850	5.82	2.81	2.92	1.23	2.38	1981
1982	1.38	0.843	3.80	7.80	0.582	2.42	0.358	0.093	0.818	1.37	2.08	3.33	2.04	1982
1983	2.17	3.26	2.33	3.44	3.54	0.230	0.072	0.151	0.154	0.841	2.85	4.89	1.93	1983
1984	1.31	5.71	2.87	5.02	1.28	0.855	0.285	0.822	1.48	0.750	0.918	1.44	1.93	1984
1985	1.48	2.83	5.85	3.22	0.257	0.183	0.204	0.183	1.25	1.78	2.83	1.85	1.89	1985
1986	2.44	1.82	5.10	1.72	1.07	2.01	0.323	---	2.38	4.44	2.04	3.27	---	1986
1987	1.37	0.535	5.08	5.31	0.284	0.185	0.288	0.310	0.804	1.06	2.88	5.72	1.97	1987
1988	1.47	2.04	4.14	2.98	0.455	0.209	0.128	0.083	0.280	0.389	1.38	1.00	1.20	1988
MEAN	2.17	2.80	5.23	5.25	1.63	0.933	0.343	0.312	0.878	1.12	1.80	2.85	2.08	MEAN

LOCATION - LAT 44 13 34 N DRAINAGE AREA, 150 km²
LONG 78 45 30 W REGULATED

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	18.2 AT 20:30 EST ON APR 7	18.1 ON APR 10	0.054 ON NOV 4	50 900	1971
1972	---	25.5E ON APR 14	0.215 ON SEP 22	85 500	1972
1973	13.3 AT 04:45 EST ON APR 5	12.2 ON APR 5	0.078 ON SEP 13	72 900	1973
1974	---	15.5 ON APR 5	0.074 ON OCT 18	72 100	1974
1975	---	15.3B ON MAR 20	0.023 ON JUL 18 *	55 500	1975
1976	---	18.4B ON MAR 22	0.127 ON SEP 8	78 100	1976
1977	20.3 AT 13:10 EST ON MAR 13 *	15.9 ON MAR 15	0.118 ON JUL 27	58 200	1977
1978	---	16.1B ON APR 2	0.026 ON SEP 10	69 300	1978
1979	---	16.3B ON MAR 6	0.119 ON AUG 22	80 200	1979
1980	---	21.2B ON MAR 22	0.083 ON JUL 28	70 300	1980
1981	---	26.4B ON FEB 20 *	0.203A ON JUN 18	74 500	1981
1982	18.3 AT 20:45 EST ON APR 3	16.3 ON APR 1	0.070 ON AUG 18	64 500	1982
1983	10.9 AT 19:50 EST ON DEC 15	10.4 ON DEC 15	0.045 ON JUN 22	60 600	1983
1984	15.6 AT 14:40 EST ON FEB 15	13.6 ON FEB 20	0.078 ON OCT 23	61 000	1984
1985	---	17.0B ON FEB 28	0.040 ON JUN 11	59 800	1985
1986	---	---	---	---	1986
1987	18.0 AT 22:57 EST ON NOV 29	13.6 ON NOV 30	0.078 ON JUN 12	62 300	1987
1988	---	12.1 ON MAR 28	0.085 ON OCT 15	38 100	1988
				85 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	0.372	0.441	0.540	---	1985
1986	0.276	0.826	1.56	0.285	0.232	0.247	0.105	0.136	0.180	0.118	0.522	0.772	0.418	1986
1987	0.298	0.200	1.66	1.16	0.288	0.779	0.384	0.287	0.268	0.610	0.456	0.706	0.589	1987
1988	0.121	1.47	2.07	0.333	0.828	0.286	0.281	1.12	0.387	0.233	0.962	0.508	0.686	1988
1989	0.818	0.312	1.80	1.25	0.788	0.228	0.702	0.388	0.140	0.254	0.511	0.257	0.597	1989
1970	0.247	0.413	1.46	1.25	0.505	0.308	0.568	0.817	0.433	0.418	0.583	0.773	0.845	1970
1971	0.285	1.28	2.06	0.728	0.252	0.378	0.532	0.701	0.238	0.263	0.196	0.783	0.634	1971
1972	0.623	0.352	2.13	2.88	0.298	0.737	0.440	0.408	0.509	0.728	0.914	1.22	0.918	1972
1973	0.998	0.691	2.71	1.18	0.751	0.552	0.378	0.320	0.381	0.783	1.11	0.875	0.888	1973
1974	1.88	0.825	1.58	1.37	1.82	0.841	0.387	0.286	0.381	0.234	0.715	0.332	0.870	1974
1975	0.773	1.51	1.08	1.12	0.649	0.408	0.222	0.570	0.488	0.378	0.413	0.682	0.887	1975
1976	0.280	2.89	2.35	1.15	1.18	0.649	0.512	0.498	0.530	0.382	0.181	0.188	0.887	1976
1977	0.083	0.782	1.71	0.851	0.194	0.678	0.833	0.778	1.28	1.22	1.08	2.00	0.848	1977
1978	0.834	0.181	2.21	1.70	0.927	0.333	0.318	0.353	0.887	0.487	0.436	0.487	0.743	1978
1979	0.812	0.289	2.48	1.89	0.887	0.580	0.402	0.535	0.371	0.577	1.08	1.84	0.853	1979
1980	0.868	0.195	1.83	1.78	0.841	0.781	1.21	0.318	0.373	0.847	0.284	0.802	0.781	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	0.578	0.522	2.98	1.18	0.438	1.18	0.270	0.820	1.08	0.488	1.38	1.47	1.03	1982
1983	0.535	0.818	1.19	1.37	1.20	0.342	0.234	0.705	0.487	0.887	1.01	1.11	0.802	1983
1984	0.177	1.84	1.58	0.957	0.951	0.385	0.455	0.581	0.889	0.238	0.891	0.880	0.782	1984
1985	0.247	2.14	2.01	0.818	0.577	0.377	0.577	1.43	0.582	0.488	2.82	0.841	1.04	1985
1986	0.384	0.353	1.85	0.843	0.722	0.538	1.29	2.44	4.01	0.888	0.572	1.39	1.28	1986
1987	0.316	0.278	1.06	1.25	0.328	0.478	0.784	0.387	0.743	0.393	0.906	0.882	0.850	1987
1988	---	---	---	---	---	---	---	---	---	---	---	0.411	---	1988
MEAN	0.514	0.854	1.85	1.18	0.871	0.521	0.809	0.880	0.881	0.488	0.771	0.818	0.787	MEAN

LOCATION - LAT 43 38 50 N DRAINAGE AREA, 70.8 km²
LONG 79 31 10 W NATURAL FLOW

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	22.8 AT 20:45 EST ON NOV 9	3.79 ON DEC 31	0.057 ON DEC 22	---	1966
1967	38.0 AT 08:00 EST ON APR 3	8.50 ON DEC 10	0.064 ON JUL 25	13 200	1967
1968	50.1 AT 23:00 EST ON AUG 22	11.2 R ON APR 3	0.079 ON SEP 18	18 800	1968
1969	22.9 AT 18:42 EST ON APR 18	24.7 R ON FEB 2	0.085 ON AUG 5	21 700	1969
		14.2 R ON APR 18	0.093R ON SEP 2	18 800	
1970	45.4 AT 18:44 EST ON AUG 30	11.2 R ON AUG 30	0.078 ON JUL 13	20 300	1970
1971	24.6 AT 04:14 EST ON AUG 27	10.6 ON FEB 27	0.099 ON AUG 2	20 000	1971
1972	16.4 AT 17:42 EST ON JUL 15	10.3 ON DEC 13	0.102 ON JUL 31	29 100	1972
1973	---	10.9 ON MAR 17	0.0828 ON DEC 18	28 000	1973
1974	49.8 AT 22:18 EST ON MAY 16	25.5 E ON MAR 5	0.1138 ON FEB 11	27 400	1974
1975	30.6 AT 19:36 EST ON FEB 24	18.2 ON FEB 24	0.071 ON JUL 26	21 000	1975
1976	21.0 AT 16:37 EST ON MAR 5	11.2 ON MAY 7	0.059 ON NOV 30	26 100	1976
1977	30.0 AT 22:18 EST ON SEP 24	11.4 A ON MAR 13	0.034 ON JUL 24 *	29 800	1977
1978	18.48 AT 09:40 EST ON JAN 26	10.3 E ON SEP 18	0.045 ON AUG 13	23 400	1978
1979	29.0 AT 16:28 EST ON DEC 25	20.8 ON DEC 25	0.0708 ON FEB 18	30 100	1979
1980	48.9 AT 23:12 EST ON JUL 28	19.2 ON MAR 21	0.0528 ON FEB 29	23 700	1980
1981	30.5 AT 07:09 EST ON FEB 11	12.7 ON SEP 4	---	---	1981
1982	33.4 AT 18:06 EST ON SEP 14	16.0 ON MAR 13	0.057 ON JUL 25	32 500	1982
1983	22.4 AT 18:49 EST ON AUG 8	9.32 ON DEC 12	0.097 ON JUL 17	25 300	1983
1984	52.3 AT 21:17 EST ON AUG 14	23.0 B ON FEB 14	0.082 ON JUL 30	24 100	1984
1985	46.6 AT 10:24 EST ON AUG 26	23.0 ON FEB 24	0.062 ON AUG 4	32 800	1985
1986	97.8 AT 03:58 EST ON AUG 27 *	38.5 ON AUG 27 *	0.0788 ON JAN 16	39 800	1986
1987	33.6 AT 01:53 EST ON JUL 20	8.05 ON JUL 20	0.0808 ON FEB 15	20 500	1987
1988	---	---	---	---	1988
				25 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.161	0.153	0.133	2.41	1.59	0.293	0.174	0.121	0.359	0.648	---	---	---	1978
1979	0.127	0.088	0.807	---	---	---	---	---	0.105	0.442	0.844	0.488	---	1979
MEAN	0.144	0.121	0.470	2.41	1.59	0.293	0.174	0.121	0.232	0.545	0.844	0.488	---	MEAN

LOCATION - LAT 48 24 30 N, LONG 81 34 40 W
DRAINAGE AREA, 41.2 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	8.50E ON APR 22 *	---	---	1979
		---	---	---	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	413	126	55.2	22.1	11.4	15.9	13.5	10.3	---	1920
1921	7.41	6.04	7.47	131	201	92.9	56.2	50.9	38.1	50.4	25.1	22.6	57.6	1921
1922	16.9	13.1	11.8	75.0	536	79.6	42.7	18.7	10.1	6.30	7.67	6.94	89.5	1922
1923	8.46	5.44	4.80	27.1	137	72.9	45.6	21.0	80.0	123	113	82.1	56.6	1923
1924	23.5	16.4	13.6	50.6	302	124	46.8	57.8	51.5	26.9	38.0	27.2	86.1	1924
1925	13.9	11.6	11.1	158	241	253	115	82.0	28.0	39.1	36.6	24.2	82.9	1925
1926	11.8	9.06	5.05	7.39	203	135	224	58.0	93.3	95.8	105	105	86.4	1926
1927	32.1	17.2	20.6	283	456	152	121	85.5	28.5	158	97.0	55.0	123	1927
1928	28.8	19.7	19.5	123	681	300	248	90.2	200	249	155	86.6	163	1928
1929	29.4	17.5	15.1	164	315	202	56.5	50.2	129	116	173	57.5	111	1929
1930	22.2	15.2	13.9	85.9	552	240	107	46.7	18.3	53.4	50.0	28.9	102	1930
1931	12.6	10.7	9.26	104	316	75.4	51.0	12.7	12.5	58.9	168	114	78.2	1931
1932	45.3	32.0	26.9	105	489	85.6	66.6	57.8	81.5	81.1	99.4	53.2	101	1932
1933	28.0	19.0	14.4	234	558	141	33.0	16.8	9.76	29.3	34.1	18.5	95.3	1933
1934	14.4	10.8	9.63	24.4	547	195	77.0	21.4	103	73.4	122	101	109	1934
1935	30.9	20.2	15.9	118	511	326	89.2	57.7	60.4	177	77.9	35.1	129	1935
1936	16.1	13.9	11.6	33.5	786	226	60.0	14.6	17.3	59.8	43.2	22.0	107	1936
1937	15.0	14.0	14.6	134	434	122	90.1	78.3	23.1	53.5	81.0	43.6	82.6	1937
1938	23.5	16.1	31.6	277	490	368	108	60.4	38.5	26.1	32.4	27.7	127	1938
1939	26.9	21.7	17.6	54.5	778	202	89.7	57.3	74.2	71.6	55.6	25.9	124	1939
1940	21.0	16.3	11.6	30.3	841	287	80.7	29.2	43.4	38.0	56.1	33.7	108	1940
1941	22.9	18.0	13.9	216	467	112	35.1	51.6	198	236	124	91.7	133	1941
1942	40.9	22.5	18.2	275	362	75.3	36.9	28.1	183	216	153	55.5	121	1942
1943	30.3	20.9	16.6	67.7	493	314	109	37.3	20.4	12.2	32.6	18.9	98.3	1943
1944	14.1	12.1	11.3	67.4	482	182	40.9	41.8	95.5	96.9	85.6	35.7	94.1	1944
1945	18.2	15.8	59.0	307	189	145	84.5	50.3	44.5	54.9	150	62.7	95.8	1945
1946	36.2	25.5	82.9	234	425	184	69.6	23.3	42.4	44.2	115	71.3	111	1946
1947	29.5	19.4	15.8	33.2	682	498	119	89.0	37.2	40.1	23.2	13.2	132	1947
1948	10.6	8.48	9.58	224	278	84.6	38.5	59.7	48.6	27.9	85.7	82.8	78.5	1948
1949	31.6	21.3	17.0	136	448	137	37.0	28.4	23.2	83.9	73.0	34.2	89.7	1949
1950	17.6	15.7	15.2	33.8	678	298	145	38.7	18.0	50.9	74.5	58.3	121	1950
1951	38.4	18.6	19.2	386	437	107	76.8	35.1	22.7	86.8	124	86.8	119	1951
1952	25.2	13.0	14.5	242	273	233	89.2	36.9	28.8	25.8	51.7	83.7	82.2	1952
1953	23.7	19.0	24.7	106	648	190	82.3	20.7	17.5	28.5	35.5	82.2	106	1953
1954	18.7	15.9	17.1	149	521	156	94.5	43.0	32.3	183	132	42.8	118	1954
1955	17.4	13.5	12.0	284	208	107	36.5	15.5	8.78	58.8	71.4	45.1	71.4	1955
1956	27.8	18.7	15.1	43.0	446	256	162	64.8	107	53.9	42.8	27.8	107	1956
1957	18.7	14.6	14.0	258	338	121	92.8	22.7	54.4	53.1	109	72.0	87.8	1957
1958	25.5	12.2	15.0	188	183	208	136	57.0	148	105	138	80.1	104	1958
1959	26.6	16.7	15.5	73.6	436	111	33.6	45.7	87.6	189	132	49.6	102	1959
1960	26.4	23.8	20.8	173	822	183	41.7	56.2	29.8	27.8	84.7	38.5	126	1960
1961	17.6	10.1	11.1	174	481	216	166	47.7	181	224	118	84.6	143	1961
1962	31.9	19.4	15.9	41.2	462	175	41.6	98.4	227	71.5	43.2	41.2	105	1962
1963	20.5	15.4	12.4	106	338	289	84.1	30.8	26.5	33.5	24.7	22.1	84.0	1963
1964	16.0	15.4	13.1	224	487	220	110	96.8	80.3	187	128	57.3	135	1964
1965	26.4	18.4	13.6	86.9	503	136	41.8	67.5	128	184	73.4	47.8	110	1965
1966	32.4	23.9	24.3	133	516	161	70.8	83.5	48.5	260	113	72.1	127	1966
1967	31.2	26.4	20.6	289	522	152	68.0	41.9	12.8	44.4	43.7	22.5	107	1967
1968	16.4	12.7	13.6	408	214	187	307	86.3	127	182	110	56.2	143	1968
1969	38.7	29.9	21.1	253	449	121	59.6	31.2	29.9	87.1	80.8	64.5	105	1969
1970	20.2	11.8	10.1	68.2	372	179	120	45.6	57.5	72.2	71.6	39.6	89.5	1970
1971	25.3	17.5	13.3	48.0	503	159	83.2	43.6	48.3	84.4	106	115	105	1971
1972	39.5	19.3	15.7	30.7	485	189	105	80.6	47.8	92.5	51.2	29.0	97.7	1972
1973	20.4	16.4	31.0	244	373	179	162	118	107	93.6	75.6	48.8	123	1973
1974	27.5	19.4	16.1	21.5	495	185	70.6	62.8	88.2	149	123	45.7	109	1974
1975	24.8	17.5	13.4	31.5	332	147	36.5	10.2	12.1	18.1	52.9	30.9	80.9	1975
1976	17.4	13.7	14.8	373	260	73.5	36.7	21.8	4.75	9.38	8.67	5.86	89.6	1976
1977	3.88	3.06	12.2	375	215	93.8	59.0	22.2	142	129	119	49.5	102	1977
1978	21.7	14.4	8.55	15.9	508	216	158	50.2	41.9	185	57.3	27.7	108	1978
1979	17.9	13.4	14.4	218	824	255	85.6	38.9	78.7	224	148	86.2	164	1979
1980	30.8	19.8	13.5	185	339	137	80.6	25.8	27.4	72.0	42.4	23.9	81.5	1980
1981	15.5	15.8	27.3	278	423	140	46.3	11.4	6.54	16.9	29.3	15.3	85.7	1981
1982	11.6	9.36	8.13	71.8	414	85.4	138	35.5	123	284	178	84.0	118	1982
1983	34.1	27.1	30.5	106	627	227	63.5	25.0	71.9	120	85.5	43.5	121	1983
1984	24.0	17.7	16.9	280	261	190	182	42.7	16.6	33.8	53.2	43.9	96.0	1984
1985	24.0	14.7	12.3	211	286	122	120	86.5	30.7	101	88.8	40.0	93.8	1985
1986	20.8	12.3	11.6	286	248	55.9	30.1	17.7	41.9	90.8	86.7	37.1	77.5	1986
1987	19.3	13.4	11.9	203	85.9	70.8	106	89.0	25.9	55.9	81.8	52.9	87.2	1987
1988	21.7	13.5	11.9	223	337	90.2	35.1	90.9	60.1	87.6	182	90.3	102	1988
MEAN	23.2	16.4	15.7	186	430	173	86.8	47.3	51.4	93.0	82.8	48.9	104	MEAN

LOCATION - LAT 48 37 00 N DRAINAGE AREA, 8 940 km²
LONG 83 15 48 W NATURAL FLOW

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	600 ON MAY 8	---	---	1920
1921	---	538 ON APR 29	5.32B ON FEB 13	1 820 000	1921
1922	---	1 000 ON MAY 6	5.55 ON OCT 12	2 180 000	1922
1923	---	411 ON OCT 23	4.47RB ON MAR 11	1 780 000	1923
1924	---	484 ON MAY 3	12.7 B ON MAR 29	2 080 000	1924
1925	---	438 ON JUN 7	10.6 B ON FEB 27	2 810 000	1925
1926	---	405 ON MAY 8	4.59B ON APR 1	2 790 000	1926
1927	---	888 ON APR 21	15.9 B ON FEB 28	3 870 000	1927
1928	---	1 310 ON MAY 7	13.5 RB ON MAR 11	5 770 000	1928
1929	---	487 ON MAY 31	12.8 B ON FEB 25	3 480 000	1929
1930	---	1 250 ON MAY 6	12.4 ON SEP 13	3 220 000	1930
1931	---	880 ON MAY 9	4.81 ON SEP 3	2 600 000	1931
1932	---	725 ON MAY 10	23.2 ON AUG 22	3 190 000	1932
1933	---	807 ON MAY 14	7.78 ON SEP 18	3 010 000	1933
1934	---	887RB ON MAY 9	8.63B ON MAR 1	3 440 000	1934
1935	---	824 ON MAY 13	15.9 B ON MAR 1	4 070 000	1935
1936	---	1 200 ON MAY 14	7.38 ON SEP 10	3 390 000	1936
1937	---	1 080 ON MAY 2	9.46 ON SEP 13	2 920 000	1937
1938	---	1 050 ON MAY 5	12.4 B ON MAR 10	4 010 000	1938
1939	---	1 480 ON MAY 10	15.6 RB ON MAR 20	3 920 000	1939
1940	---	867 ON MAY 17	10.4 RB ON MAR 24	3 410 000	1940
1941	---	1 110 ON MAY 5	12.0 RB ON APR 2	4 180 000	1941
1942	---	883 ON APR 25	16.9 B ON MAR 16	3 810 000	1942
1943	---	800 ON MAY 7	2.97 ON OCT 13	3 100 000	1943
1944	---	1 020 ON MAY 4	10.8 RB ON MAR 15	2 980 000	1944
1945	---	874 ON APR 12	14.2 B ON MAR 10	3 080 000	1945
1946	---	948 ON MAY 27	17.4 ON AUG 18	3 490 000	1946
1947	---	1 380 ON MAY 18	11.3 B ON DEC 26	4 180 000	1947
1948	---	912 ON APR 29	8.47B ON MAR 13	2 480 000	1948
1949	---	937 ON MAY 4	12.0 ON SEP 7	2 830 000	1949
1950	---	1 190 ON MAY 26	9.12 ON OCT 13	3 830 000	1950
1951	---	1 070 ON MAY 3	15.0 RB ON MAR 5	3 780 000	1951
1952	---	778 ON APR 25	11.2 RB ON MAR 8	2 810 000	1952
1953	---	1 130 ON MAY 10	4.53 ON SEP 11	3 340 000	1953
1954	---	946 ON MAY 2	12.7 RB ON JAN 24	3 720 000	1954
1955	---	753 ON APR 22	5.95 ON SEP 18	2 250 000	1955
1956	---	872 ON MAY 15	13.1 B ON MAR 30	3 380 000	1956
1957	---	1 320 ON APR 28	8.89 ON SEP 2	3 080 000	1957
1958	---	578 ON APR 22	10.6 B ON FEB 18	3 270 000	1958
1959	1 080 AT 23:00 EST ON MAY 7	1 030 ON MAY 8	14.2 B ON MAR 2	3 220 000	1959
1960	1 200 AT 13:00 EST ON MAY 17	1 190 ON MAY 17	15.7 B ON APR 10	3 870 000	1960
1961	823 AT 08:00 EST ON MAY 17	812 ON MAY 17	9.40RB ON FEB 20	4 500 000	1961
1962	788 AT 08:00 EST ON MAY 6	778 ON MAY 6	14.2 RB ON FEB 24	3 350 000	1962
1963	806 AT 22:00 EST ON JUN 22	595 ON JUN 22	11.3 RB ON MAR 21	2 850 000	1963
1964	983 AT 07:00 EST ON MAY 1	977 ON MAY 1	9.49RB ON MAR 12	4 270 000	1964
1965	711 AT 14:00 EST ON MAY 18	705 ON MAY 18	10.7 RB ON APR 8	3 480 000	1965
1966	951 AT 08:00 EST ON MAY 21	943 ON MAY 21	16.7 B ON MAR 13	4 000 000	1966
1967	728 AT 11:00 EST ON MAY 20	711 ON MAY 20	7.67 ON OCT 7	3 380 000	1967
1968	815 AT 06:00 EST ON APR 25	698 ON APR 25	11.3 B ON MAR 3	4 530 000	1968
1969	770 AT 22:00 EST ON MAY 8	762 ON MAY 8	17.0 ON SEP 30	3 310 000	1969
1970	778 AT 01:00 EST ON MAY 3	770R ON MAY 2	9.51B ON APR 8	2 820 000	1970
1971	628 AT 11:48 EST ON MAY 21	623 ON MAY 21	12.0 B ON APR 13	3 310 000	1971
1972	638 AT 00:30 EST ON MAY 4	604 ON MAY 4	13.3 B ON APR 13	3 080 000	1972
1973	801 AT 10:50 EST ON MAY 11	788 ON MAY 11	15.8 B ON FEB 26	3 680 000	1973
1974	702 AT 03:30 EST ON MAY 15	698 ON MAY 15	15.3 B ON MAR 27	3 430 000	1974
1975	756B AT 14:00 EST ON MAY 2	728 ON MAY 3	3.88 ON SEP 2	1 820 000	1975
1976	1 210 AT 05:04 EST ON APR 21	1 170 ON APR 21	4.36 ON SEP 13	2 210 000	1976
1977	980 AT 02:58 EST ON APR 23	845 ON APR 23	2.83B ON MAR 3 *	3 210 000	1977
1978	1 040 AT 12:57 EST ON MAY 15	1 030 ON MAY 15	7.42B ON MAR 28	3 410 000	1978
1979	1 780 AT 22:55 EST ON MAY 12 *	1 740 ON MAY 12 *	11.3 B ON MAR 16	5 170 000	1979
1980	908 AT 08:51 EST ON APR 30	803 ON MAY 1	11.8 B ON MAR 30	2 580 000	1980
1981	966 AT 00:08 EST ON MAY 7	950 ON MAY 7	4.65 ON OCT 5	2 700 000	1981
1982	873 AT 04:17 EST ON MAY 3	870 ON MAY 3	7.60B ON MAR 13	3 720 000	1982
1983	---	1 220B ON MAY 2	16.8 ON SEP 5	3 810 000	1983
1984	576 AT 08:54 EST ON MAY 3	568 ON MAY 3	12.4 B ON MAR 16	3 040 000	1984
1985	1 120 AT 02:00 EST ON APR 28	1 080 ON APR 28	11.8 B ON MAR 22	2 850 000	1985
1986	572 AT 00:41 EST ON APR 30	565 ON APR 30	8.80B ON MAR 12	2 440 000	1986
1987	501 AT 00:48 EST ON APR 20	498 ON APR 20	11.2 B ON MAR 15	2 120 000	1987
1988	---	561 ON MAY 15	11.0 B ON MAR 6	3 230 000	1988
				3 280 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

R - REVISED SINCE JAN 01 1987

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	52.4	39.8	38.3	---	---	355	214	129	101	248	140	83.8	---	1972
1973	37.4	28.5	63.9	548	822	292	322	195	149	184	143	85.1	240	1973
1974	43.7	30.7	24.9	41.8	1 340	498	145	148	142	359	297	73.6	284	1974
1975	31.8	22.8	19.3	84.1	---	---	---	---	---	---	---	58.4	---	1975
1976	29.4	21.2	19.4	820	828	183	88.4	78.1	23.9	50.2	31.8	19.0	185	1976
1977	14.2	12.3	17.1	817	844	208	278	74.6	263	250	258	84.8	245	1977
1978	46.3	32.8	20.6	33.7	1 200	778	319	83.3	63.4	288	109	43.1	253	1978
1979	31.1	28.5	28.9	582	1 720	537	121	75.3	188	558	385	118	383	1979
1980	62.3	39.4	27.5	341	1 030	337	93.8	51.5	56.4	257	110	38.5	204	1980
1981	20.2	20.7	46.3	583	805	348	86.4	35.4	27.4	52.3	65.3	34.0	187	1981
1982	25.1	21.1	18.7	115	1 280	189	432	109	202	517	382	178	283	1982
1983	70.4	55.8	60.5	176	1 880	646	121	43.8	174	313	146	83.6	315	1983
1984	45.5	35.4	34.2	671	782	418	377	144	58.8	106	163	116	244	1984
1985	51.8	28.2	21.8	534	1 000	322	273	286	110	307	168	81.7	268	1985
1986	41.1	25.8	23.1	707	748	155	101	42.5	80.2	188	117	58.4	190	1986
1987	34.8	24.7	22.1	405	233	199	214	248	105	288	222	129	176	1987
1988	55.2	34.1	29.4	810	1 040	224	108	188	170	177	388	178	288	1988
MEAN	40.7	29.4	30.1	439	1 010	354	207	121	117	259	195	85.8	245	MEAN

LOCATION - LAT 50 35 00 N DRAINAGE AREA, 22 800 km²
LONG 82 07 00 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	1 590 AT 01:18 EST ON APR 24	1 570 ON APR 24	27.8B ON FEB 18	7 580 000	1973
1974	2 020 AT 08:00 EST ON MAY 18	2 000 ON MAY 18	23.8B ON MAR 28	8 320 000	1974
1975	---	1 020B ON MAY 1	---	---	1975
1976	---	2 350E ON APR 23	18.0B ON DEC 31	5 200 000	1976
1977	2 430 AT 17:38 EST ON APR 24	2 350 ON APR 24	11.4B ON MAR 6 *	7 710 000	1977
1978	---	2 150E ON MAY 15	18.1B ON MAR 27	7 970 000	1978
1979	---	2 820 ON MAY 12	23.8B ON MAR 18	11 500 000	1979
1980	2 410 AT 12:07 EST ON MAY 2	2 390 ON MAY 2	23.8B ON MAR 31	8 470 000	1980
1981	1 820 AT 17:37 EST ON MAY 7	1 800 ON MAY 8	14.0B ON FEB 15	6 880 000	1981
1982	2 650 AT 03:41 EST ON MAY 7 *	2 610 ON MAY 6	18.0B ON MAR 20	9 230 000	1982
1983	---	3 800B ON MAY 3 *	33.8 ON AUG 24	9 930 000	1983
1984	1 820 AT 15:30 EST ON APR 26	1 820 ON APR 26	30.0B ON MAR 20	7 730 000	1984
1985	---	2 750 ON APR 27	20.5B ON MAR 23	8 440 000	1985
1986	1 720 AT 20:00 EST ON APR 30	1 710 ON APR 30	21.4B ON MAR 17	8 000 000	1986
1987	1 000 AT 14:20 EST ON APR 21	998 ON APR 21	20.0B ON MAR 21	5 550 000	1987
1988	---	1 680 ON MAY 4	28.0B ON MAR 21	8 480 000	1988
				7 730 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT IRON BRIDGE - STATION NO. 02CC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	---	185	---	1915
1916	95.7	83.4	51.1	233	258	203	122	48.1	53.2	108	193	170	133	1916
1917	86.5	40.2	42.2	103	336	357	151	78.1	36.9	44.8	56.3	39.3	115	1917
1918	33.0	31.7	42.4	142	314	221	117	54.4	58.4	133	230	192	131	1918
1919	136	66.5	83.1	375	301	185	89.6	36.3	48.7	---	---	---	---	1919
MEAN	87.8	50.5	54.7	213	302	242	116	53.7	49.8	95.3	160	147	126	MEAN

LOCATION - LAT 46 16 45 N DRAINAGE AREA, 9 040 km² DATA CONTRIBUTED BY -
LONG 83 13 25 W NATURAL FLOW ONTARIO HYDRO

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	377 ON APR 28	30.6 ON SEP 2	4 210 000	1916
1917	---	568 ON JUN 5	29.2 ON SEP 28	3 610 000	1917
1918	---	418 ON MAY 21	35.1 ON FEB 9 *	4 130 000	1918
1919	---	826 ON APR 24 *	---	---	1919
				3 980 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	31.6	30.7	44.1	---	1920
1921	41.3	35.3	89.3	358	215	120	54.9	35.3	32.8	122	100	151	113	1921
1922	78.7	50.6	62.3	474	511	148	124	70.5	41.8	38.5	58.6	80.8	144	1922
1923	45.3	34.8	27.3	167	416	188	97.3	55.4	53.8	40.8	40.4	42.4	102	1923
1924	48.7	45.0	43.8	114	243	150	69.4	58.7	47.7	35.8	82.0	83.8	81.9	1924
1925	37.3	37.5	46.8	139	144	188	90.1	80.8	48.7	40.3	69.7	118	83.2	1925
1926	56.7	38.6	35.2	65.1	206	191	131	67.6	39.8	45.3	151	173	100	1926
1927	70.5	54.2	136	301	380	235	93.7	45.0	31.2	68.3	74.2	75.3	131	1927
1928	53.1	43.2	54.6	274	727	212	143	80.8	214	453	278	136	223	1928
1929	81.2	55.0	80.0	307	285	201	146	55.1	31.4	42.3	86.4	44.8	116	1929
1930	39.8	35.6	40.5	124	293	284	241	73.6	41.5	44.4	45.3	42.8	108	1930
1931	31.4	28.6	30.8	157	237	134	56.8	28.9	39.3	63.8	156	182	95.7	1931
1932	104	83.2	64.1	170	231	88.5	45.2	33.1	29.7	58.0	150	116	98.7	1932
1933	82.1	57.5	50.7	319	383	185	68.2	41.9	31.3	36.5	61.1	43.0	111	1933
1934	41.9	37.9	27.8	98.0	477	138	56.9	31.6	35.6	51.5	215	248	122	1934
1935	91.2	60.9	53.0	165	251	131	92.8	55.0	40.0	46.9	67.9	87.7	83.7	1935
1936	39.1	28.3	38.0	136	486	191	73.5	35.8	30.7	41.8	63.0	45.5	101	1936
1937	73.9	61.6	64.9	226	299	113	65.7	81.7	76.8	107	128	103	117	1937
1938	80.8	53.2	86.8	616	387	220	70.8	39.0	36.9	29.8	51.0	73.7	144	1938
1939	56.9	46.4	42.8	140	386	237	99.3	45.8	39.0	58.5	83.0	56.4	108	1939
1940	38.7	34.4	30.9	85.7	192	216	99.7	55.2	43.9	36.5	88.4	80.3	81.9	1940
1941	51.9	41.4	37.7	240	226	125	86.6	66.7	91.4	195	229	172	130	1941
1942	111	87.2	81.2	228	234	138	80.4	36.8	47.2	83.1	132	75.0	107	1942
1943	54.2	45.9	46.1	129	328	424	155	76.1	66.1	50.7	94.0	56.4	128	1943
1944	45.1	39.5	38.5	140	261	138	86.2	60.7	54.0	64.7	84.9	66.7	89.1	1944
1945	49.3	41.6	121	261	178	190	82.5	43.7	39.8	56.3	127	68.4	105	1945
1946	75.2	55.6	135	163	186	152	71.2	56.2	49.3	43.8	102	122	101	1946
1947	84.6	61.8	49.1	185	355	404	189	75.5	57.0	50.4	49.4	45.3	132	1947
1948	37.7	30.9	35.8	216	256	100	69.0	56.2	44.3	34.2	75.0	98.1	87.9	1948
1949	63.1	54.1	80.7	258	286	143	110	54.6	43.1	45.0	59.0	46.8	100	1949
1950	56.3	59.6	25.2	152	408	232	101	83.3	67.4	---	---	---	---	1950
MEAN	60.0	47.8	57.4	212	315	185	97.3	55.4	51.9	70.9	99.4	90.7	112	MEAN

LOCATION - LAT 46 14 40 N
LONG 83 09 20 W
DRAINAGE AREA, 9 270 km²
REGULATED

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	515 ON APR 10	30.3 ON SEP 3	3 570 000	1921
1922	---	796 ON APR 20	30.6 ON OCT 8	4 530 000	1922
1923	---	708 ON MAY 5	26.1B ON APR 1	3 210 000	1923
1924	---	309 ON MAY 2	28.2 ON NOV 8	2 580 000	1924
1925	---	257 ON APR 28	32.3B ON JAN 28	2 830 000	1925
1926	---	300 ON NOV 18	33.1B ON FEB 28	3 180 000	1926
1927	---	617 ON APR 22	27.6 ON SEP 18	4 120 000	1927
1928	---	1 040 ON MAY 7 *	40.2RB ON MAR 8	7 080 000	1928
1929	---	430 ON APR 10	25.8E ON SEP 26	3 670 000	1929
1930	---	498E ON JUL 1	34.0RB ON FEB 8	3 380 000	1930
1931	---	377 ON NOV 26	24.9 ON AUG 21 *	3 020 000	1931
1932	---	286 ON MAY 10	27.2 ON SEP 17	3 120 000	1932
1933	---	566 ON APR 23	28.9 ON SEP 26	3 510 000	1933
1934	---	782 ON MAY 7	27.2 ON SEP 2	3 850 000	1934
1935	---	362 ON MAY 2	36.0 ON SEP 28	2 850 000	1935
1936	---	868 ON MAY 11	27.8 ON OCT 4	3 180 000	1936
1937	---	521 ON MAY 2	47.0 ON JUL 25	3 700 000	1937
1938	---	840 ON APR 21	27.6 ON OCT 31	4 580 000	1938
1939	---	518 ON MAY 11	33.4 ON SEP 27	3 400 000	1939
1940	---	331 ON JUN 9	29.5RB ON MAR 26	2 590 000	1940
1941	---	445 ON APR 18	37.1B ON MAR 13	4 110 000	1941
1942	---	405 ON APR 27	30.6 ON SEP 12	3 370 000	1942
1943	---	848 ON JUN 20	43.9RB ON MAR 5	4 040 000	1943
1944	---	399 ON MAY 4	37.1RB ON MAR 8	2 820 000	1944
1945	---	388 ON MAR 30	36.0 ON SEP 3	3 300 000	1945
1946	---	317 ON MAY 27	37.1 ON OCT 25	3 200 000	1946
1947	---	883 ON JUN 17	40.2 ON OCT 31	4 180 000	1947
1948	---	374 ON APR 29	27.8 ON OCT 5	2 780 000	1948
1949	---	377 ON MAY 8	38.1 ON AUG 27	3 170 000	1949
1950	---	883 ON MAY 10	---	---	1950
				3 540 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1881	---	---	---	123	183	155	136	74.8	135	124	155	159	---	1881
1882	118	119	131	181	282	131	86.1	51.5	87.4	79.5	87.5	90.9	111	1882
1883	93.8	88.2	71.1	193	142	95.4	90.5	52.5	50.1	37.0	28.0	42.8	73.5	1883
1884	58.3	85.5	78.5	227	239	97.8	95.4	52.0	98.9	161	125	126	116	1884
1885	105	118	108	127	320	98.1	56.7	88.7	181	205	213	148	144	1885
1886	128	182	186	238	221	218	92.8	47.7	48.5	87.7	132	191	142	1886
1887	120	134	143	393	332	187	75.2	72.8	53.4	86.5	117	114	148	1887
1888	121	117	132	278	172	169	112	83.6	84.2	151	125	124	138	1888
1889	128	127	118	204	194	151	141	88.8	82.4	76.8	108	108	123	1889
1890	95.2	105	89.2	118	175	308	114	71.2	88.4	141	138	154	133	1890
1891	114	128	151	288	332	204	92.8	58.1	57.4	76.7	102	138	142	1891
1892	118	124	88.0	181	385	112	55.3	101	152	101	93.4	82.3	132	1892
1893	130	121	186	243	241	174	90.8	154	88.8	74.1	88.8	75.9	136	1893
1894	84.8	90.3	184	211	249	178	80.8	54.5	51.2	82.5	118	109	119	1894
1895	133	128	122	155	338	238	90.1	45.5	37.8	42.0	71.2	112	126	1895
1896	114	116	109	363	231	116	53.2	45.0	37.9	34.7	30.5	25.5	106	1896
1897	32.9	58.5	133	219	107	48.8	51.5	44.7	82.9	155	221	145	107	1897
1898	116	145	99.8	92.5	235	110	80.0	49.5	103	245	115	98.1	122	1898
1899	114	138	173	384	398	212	147	91.4	83.2	112	200	183	185	1899
1900	180	100	114	179	180	113	53.8	91.4	123	41.5	48.8	39.8	102	1900
1901	34.8	87.2	89.8	283	130	136	123	84.5	55.1	87.3	59.0	77.9	95.8	1901
1902	88.0	71.1	102	172	233	73.3	49.8	46.1	56.8	143	173	181	114	1902
1903	198	168	157	187	282	380	84.1	54.2	48.7	85.3	78.2	101	152	1903
1904	135	137	119	201	116	80.9	129	73.3	73.8	108	220	187	132	1904
1905	185	117	130	311	281	144	84.2	55.4	49.4	83.9	114	108	135	1905
1906	127	120	110	237	131	77.7	118	125	95.8	152	110	115	126	1906
1907	123	91.8	87.6	126	88.1	53.8	39.8	32.8	32.1	31.9	25.9	89.8	87.7	1907
1908	93.5	80.8	89.2	286	180	75.2	45.6	84.6	83.4	135	384	233	141	1908
MEAN	111	110	123	222	227	146	81.3	86.8	74.8	101	122	117	125	MEAN

LOCATION - LAT 46 12 04 N DRAINAGE AREA, 8 300 km²
LONG 83 01 32 W REGULATED

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1881	388 AT 03:00 EST ON JUN 28	---	---	---	1881
1882	530 AT 06:00 EST ON MAY 6	513 ON MAY 6	13.6 RB ON DEC 24	3 510 000	1882
1883	251 AT 04:00 EST ON APR 9	240 ON APR 22	2.08 ON NOV 4 *	2 320 000	1883
1884	524 AT 16:30 EST ON APR 30	510 ON APR 30	26.9 B ON JAN 5	3 680 000	1884
1885	588 AT 20:00 EST ON MAY 8	561 ON MAY 6	12.8 B ON APR 4	4 540 000	1885
1886	547 AT 08:00 EST ON APR 28	544 ON APR 28	41.1 ON SEP 27	4 470 000	1886
1887	714 AT 08:00 EST ON MAY 6	711 ON MAY 6	32.6 ON SEP 16	4 880 000	1887
1888	447 AT 22:00 EST ON APR 15	447 ON APR 17	47.0 ON AUG 18	4 380 000	1888
1889	426 AT 09:48 EST ON JUN 29	388 ON JUN 29	12.5 ON APR 5	3 870 000	1889
1890	886 AT 14:13 EST ON JUN 3	881 ON JUN 3	15.3 ON APR 5	4 200 000	1890
1891	595 AT 08:17 EST ON APR 25	586 ON APR 24	17.2 ON NOV 27	4 470 000	1891
1892	742 AT 11:43 EST ON MAY 6	733 ON MAY 5	14.8 ON MAR 18	4 170 000	1892
1893	478 AT 01:44 EST ON MAY 5	418 ON MAY 5	18.8 E ON DEC 25	4 290 000	1893
1894	498 AT 12:58 EST ON MAY 2	496 ON MAY 2	20.1 ON FEB 3	3 760 000	1894
1895	817 AT 09:48 EST ON MAY 7	597 ON MAY 7	19.3 ON APR 5	3 970 000	1895
1896	829 AT 07:32 EST ON APR 23	823 ON APR 23	8.27 ON DEC 27	3 350 000	1896
1897	413 AT 15:47 EST ON APR 22	389 ON APR 22	8.41A ON JAN 23	3 370 000	1897
1898	496 AT 00:28 EST ON MAY 15	433 ON OCT 8	15.4 ON APR 15	3 880 000	1898
1899	982 AT 12:51 EST ON APR 28 *	957 ON APR 28 *	20.8 ON MAR 4	5 830 000	1899
1900	329 AT 08:34 EST ON APR 13	327 ON APR 12	19.0 ON MAR 30	3 220 000	1900
1901	488 AT 04:36 EST ON APR 8	485 ON APR 7	14.8 ON FEB 15	3 140 000	1901
1902	453 AT 02:58 EST ON MAY 3	442 ON MAY 3	33.0 ON MAR 13	3 610 000	1902
1903	725 AT 08:23 EST ON JUN 3	701 ON JUN 3	32.4 ON NOV 8	4 780 000	1903
1904	481 AT 22:19 EST ON NOV 2	377 ON NOV 3	44.4 ON SEP 5	4 180 000	1904
1905	782 AT 21:24 EST ON APR 27	786 ON APR 28	38.7 ON NOV 3	4 270 000	1905
1906	336 AT 03:57 EST ON APR 10	314 ON APR 8	47.2 ON DEC 27	3 880 000	1906
1907	187 AT 22:55 EST ON APR 1	185 ON APR 15	13.4 ON NOV 2	2 140 000	1907
1908	---	588 ON APR 11	20.3 ON FEB 27	4 450 000	1908
				3 940 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	47.6	24.9	31.8	---	1950
1951	42.7	64.2	72.2	228	148	98.0	92.8	63.5	66.8	109	152	111	104	1951
1952	66.5	74.8	74.3	185	135	95.3	142	170	86.8	78.5	84.2	72.6	104	1952
1953	72.3	79.1	123	188	269	154	119	58.3	46.0	70.8	50.0	66.4	108	1953
1954	63.6	71.0	82.6	173	174	164	66.8	43.7	57.4	134	97.0	77.3	100	1954
1955	76.2	82.5	76.9	148	98.7	66.0	26.6	3.92	18.4	13.4	40.4	43.1	57.8	1955
1956	41.5	64.1	78.4	93.2	126	77.1	105	53.6	31.8	44.5	42.3	36.6	66.5	1956
1957	55.8	60.8	83.4	154	124	72.1	110	26.6	49.5	48.8	47.5	44.8	74.7	1957
1958	67.7	83.5	83.4	73.5	66.3	47.9	36.9	18.0	14.9	30.8	49.9	56.2	52.7	1958
1959	56.6	55.8	53.5	84.8	138	57.4	29.8	7.97	14.6	77.2	89.4	76.3	62.7	1959
1960	76.0	83.5	80.1	155	386	122	61.0	41.0	63.4	63.0	76.3	81.4	108	1960
1961	79.0	64.1	63.1	65.5	126	96.3	84.8	50.9	63.4	77.1	101	101	82.9	1961
1962	81.5	93.5	104	93.1	185	88.8	47.7	38.1	46.6	53.7	62.7	27.5	75.1	1962
1963	38.7	42.2	51.9	86.0	81.0	54.2	43.5	33.6	33.0	22.6	11.1	21.4	43.2	1963
1964	41.5	47.8	56.0	121	142	57.6	46.9	32.0	59.8	90.5	70.3	81.9	70.8	1964
1965	82.7	101	90.9	66.5	207	62.1	39.5	47.5	110	125	138	94.2	87.1	1965
1966	83.9	117	131	131	153	167	48.9	33.8	37.8	43.6	61.6	138	87.1	1966
1967	82.8	95.1	111	240	202	114	53.4	47.8	40.1	42.0	56.9	65.6	86.2	1967
1968	76.5	78.8	85.1	164	99.6	122	74.3	42.3	52.1	87.2	83.2	83.2	87.2	1968
1969	82.9	81.1	81.0	96.9	112	83.0	76.2	44.2	35.8	41.8	62.2	73.4	72.5	1969
1970	71.4	77.9	68.2	55.2	89.3	169	76.7	49.5	54.9	82.9	76.3	94.1	80.6	1970
1971	81.1	100	100	159	219	152	35.0	45.0	43.5	62.0	72.4	91.0	86.6	1971
1972	88.6	96.4	82.0	91.6	218	79.6	38.7	75.6	114	69.6	56.5	66.8	88.4	1972
1973	97.2	88.1	124	149	156	119	55.8	101	43.1	53.8	42.9	51.6	80.2	1973
1974	39.9	68.0	127	106	161	116	57.5	36.8	38.9	47.2	81.6	80.3	80.0	1974
1975	97.0	97.2	95.3	73.4	202	170	63.7	29.0	24.9	31.1	48.5	76.9	84.0	1975
1976	87.8	89.6	81.1	208	148	84.8	38.0	32.8	28.6	25.3	18.8	16.2	71.5	1976
1977	20.3	41.9	90.8	107	68.1	33.2	34.4	32.6	44.3	91.5	137	89.9	85.9	1977
1978	81.8	113	77.0	44.0	133	73.4	36.6	32.9	69.0	159	74.7	85.5	78.9	1978
1979	84.4	105	108	209	283	152	92.7	81.9	56.7	67.9	120	102	121	1979
1980	120	69.3	86.8	81.8	98.6	75.1	33.8	75.5	99.5	25.0	27.2	23.6	67.9	1980
1981	18.5	40.9	68.3	162	84.6	77.3	84.5	46.3	38.1	41.2	31.6	51.8	62.1	1981
1982	63.6	52.3	70.4	77.1	135	43.7	30.6	32.2	31.7	81.4	108	95.0	68.5	1982
1983	137	128	89.8	98.5	213	290	58.0	36.8	35.1	56.2	47.0	68.6	105	1983
1984	102	103	83.6	114	68.8	47.6	94.9	52.0	43.7	85.6	148	115	86.4	1984
1985	131	84.6	91.6	179	190	104	42.6	31.2	29.5	36.5	58.9	70.0	87.4	1985
1986	100	95.2	76.1	127	76.3	43.9	64.7R	63.8	60.5	108	74.8	86.3	84.8R	1986
1987	98.3R	57.6	71.1R	70.1	39.5	30.8	22.5	18.8	21.6	19.1	9.62	80.7	44.1R	1987
1988	68.2	30.3	70.1	145	111	48.3	29.4	46.6	46.3	82.3	226	154	88.0	1988
MEAN	75.2R	78.3	85.1R	126	150	97.6	61.1R	46.8	49.4	64.2	73.3	72.8	81.8R	MEAN

LOCATION - LAT 46 26 07 N, LONG 83 23 05 W
DRAINAGE AREA, 6 840 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	484 ON APR 14	10.5 ON JAN 1	3 280 000	1951
1952	---	445 ON APR 21	26.0 ON DEC 28	3 290 000	1952
1953	---	377 ON MAY 13	9.34 ON AUG 15	3 420 000	1953
1954	---	388 ON APR 28	4.18 ON AUG 1	3 170 000	1954
1955	---	326 ON APR 15	0 ON AUG 7 *	1 820 000	1955
1956	---	246 ON APR 14	0 ON SEP 30	2 100 000	1956
1957	---	487 ON APR 26	0 ON OCT 20	2 380 000	1957
1958	---	85.5 ON JUN 6	0 ON JAN 1	1 680 000	1958
1959	---	283 ON OCT 28	0 ON JAN 3	1 880 000	1959
1960	---	654 ON MAY 13	0 ON APR 9	3 430 000	1960
1961	---	236 ON MAY 17	0 ON APR 9	2 610 000	1961
1962	---	348 ON MAY 4	0 ON DEC 23	2 370 000	1962
1963	---	129 ON APR 22	0 ON JAN 6	1 380 000	1963
1964	---	334 ON APR 30	0.311 ON JUL 1	2 230 000	1964
1965	---	388 ON MAY 5	15.5 ON APR 4	3 080 000	1965
1966	---	351 ON APR 28	22.8 ON AUG 20	3 080 000	1966
1967	---	459 ON MAY 6	21.8 ON NOV 2	3 040 000	1967
1968	---	308 ON APR 17	0 ON FEB 10	2 780 000	1968
1969	---	197 ON APR 29	0 ON APR 4	2 290 000	1969
1970	---	445 ON JUN 2	0 ON APR 5	2 540 000	1970
1971	---	396 ON APR 24	0 ON JAN 1	3 050 000	1971
1972	---	411 ON MAY 6	0 ON JAN 1	2 780 000	1972
1973	---	272 ON MAY 4	0 ON JAN 14	2 850 000	1973
1974	---	337 ON MAY 2	0 ON JAN 25	2 520 000	1974
1975	---	438 ON MAY 6	0 ON JAN 5	2 650 000	1975
1976	---	422 ON APR 22	0 ON JUL 10	2 280 000	1976
1977	---	246 ON NOV 5	0 ON JAN 2	2 080 000	1977
1978	---	303 ON OCT 11	0 ON JAN 1	2 520 000	1978
1979	---	557 ON MAY 1 *	0 ON JAN 1	3 810 000	1979
1980	---	208 ON APR 11	0 ON MAR 29	2 150 000	1980
1981	---	285 ON APR 3	0 ON JAN 4	1 950 000	1981
1982	---	285 ON MAY 12	0 ON AUG 21	2 150 000	1982
1983	---	521 ON JUN 4	0 ON AUG 28	3 320 000	1983
1984	---	302 ON NOV 2	0 ON OCT 7	2 730 000	1984
1985	---	508 ON APR 28	0 ON AUG 11	2 780 000	1985
1986	---	219 ON APR 22	0 ON JUL 6	2 680 000R	1986
1987	---	201 ON MAR 9	0 ON FEB 28	1 390 000R	1987
1988	---	381 ON NOV 13	0 ON JUL 23	2 780 000	1988
				2 890 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	89.9	70.4	72.7	104	187	132	116	63.7	120	109	139	136	110	1981
1982	98.7	102	112	142	268	108	65.2	44.2	66.0	64.1	53.8	42.3	85.6	1982
1983	46.2	51.6	85.0	182	113	72.9	51.7	45.2	43.0	29.9	23.3	37.8	61.9	1983
1984	84.4	80.3	71.3	218	220	86.0	66.7	43.2	78.7	135	102	116	103	1984
1985	104	119	109	128	302	90.0	66.8	64.3	155	182	185	128	135	1985
1986	114	161	161	219	194	197	67.4	42.8	44.4	61.8	122	188	128	1986
1987	107	117	126	382	305	154	70.3	67.3	49.6	62.7	97.4	93.4	133	1987
1988	88.4	82.7	107	251	151	152	89.2	65.3	80.1	126	110	107	119	1988
1989	105	104	96.8	179	185	136	121	69.6	46.8	89.0	96.3	96.1	106	1989
1990	84.2	82.2	78.3	102	149	282	102	63.1	79.6	124	121	134	118	1990
1991	87.8	114	130	259	298	182	64.0	53.7	61.5	89.8	96.2	121	126	1991
1992	107	111	76.1	157	327	98.8	60.0	82.4	139	91.1	62.8	83.3	118	1992
1993	117	108	174	217	220	154	78.1	141	86.4	89.9	61.1	72.4	123	1993
1994	85.6	81.9	147	181	223	158	72.6	47.0	46.6	58.3	111	100	108	1994
1995	119	114	110	138	295	221	79.8	60.1	31.8	38.0	65.5	104	113	1995
1996	102	99.3	89.5	330	200	106	68.9	60.0	33.3	30.2	24.4	21.1	94.0	1996
1997	25.6	48.6	114	193	86.5	64.0	68.7	38.6	57.6	139	194	128	94.2	1997
1998	103	132	89.2	80.8	213	101	64.6	65.8	99.3	224	103	87.7	111	1998
1999	89.0	116	148	369	376	195	128	79.4	72.8	105	198	151	170	1999
2000	147	93.9	108	172	151	105	68.9	65.3	112	35.9	62.8	33.5	94.2	2000
2001	27.2	54.0	86.0	273	116	126	112	56.5	49.9	61.2	51.9	89.1	80.5	2001
2002	77.0	61.8	87.4	152	219	83.4	63.3	39.9	68.7	131	155	141	102	2002
2003	177	147	137	182	285	351	70.8	67.7	62.7	77.9	58.6	63.5	138	2003
2004	113	118	102	186	101	71.0	115	63.6	95.3	99.2	211	172	118	2004
2005	161	105	115	302	284	134	67.6	68.9	63.6	58.1	104	87.8	124	2005
2006	118	111	97.5	223	119	88.1	109	117	89.6	145	95.4	102	116	2006
2007	110	78.8	87.9R	110	87.9	65.6	32.6	26.7	25.8	28.1	20.8	79.8	68.4R	2007
2008	80.4	62.9	85.6	279	180	84.1	38.6	56.8	64.6	123	347	214	129	2008
MEAN	97.9	95.0	107 R	203	208	132	71.9	59.7	67.0	90.2	110	105	112 R	MEAN

LOCATION - LAT 48 18 57 N, LONG 83 17 27 W DRAINAGE AREA, 9 010 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	303 ON MAY 17	0 ON MAR 19 *	3 470 000	1981
1982	---	504 ON MAY 5	0 ON APR 20	3 010 000	1982
1983	---	200 ON APR 8	0 ON JAN 6	1 950 000	1983
1984	---	476 ON MAY 1	3.48 ON APR 5	3 240 000	1984
1985	---	524 ON MAY 4	12.8 ON APR 4	4 270 000	1985
1986	---	510 ON APR 25	35.4 ON SEP 23	4 050 000	1986
1987	---	708 ON MAY 5	26.8 ON OCT 29	4 200 000	1987
1988	---	413 ON APR 17	40.2 ON FEB 4	3 760 000	1988
1989	---	328 ON JUN 30	0 ON APR 4	3 380 000	1989
1990	---	875 ON JUN 3	0 ON APR 4	3 710 000	1990
1991	---	569 ON APR 22	1.67 ON JAN 10	3 980 000	1991
1992	---	894 ON MAY 5	0 ON JAN 9	3 730 000	1992
1993	---	450 ON MAY 4	0 ON OCT 27	3 870 000	1993
1994	---	442 ON MAY 2	0 ON JAN 23	3 380 000	1994
1995	---	521 ON MAY 7	0 ON APR 4	3 580 000	1995
1996	---	578 ON APR 23	0 ON MAR 14	2 970 000	1996
1997	---	380 ON APR 23	0 ON JAN 1	2 870 000	1997
1998	---	405 ON OCT 10	0 ON APR 8	3 500 000	1998
1999	---	972 ON APR 28 *	0 ON JAN 1	5 380 000	1999
2000	---	340 ON APR 12	5.30 ON MAR 29	2 880 000	2000
2001	---	501 ON APR 7	0 ON JAN 4	2 850 000	2001
2002	---	442 ON MAY 2	24.2 ON MAR 11	3 220 000	2002
2003	---	743 ON JUN 3	25.1 ON NOV 5	4 380 000	2003
2004	---	406 ON NOV 2	38.1 ON SEP 9	3 730 000	2004
2005	---	785 ON APR 27	24.5 ON NOV 2	3 920 000	2005
2006	---	321 ON APR 8	18.7 ON JAN 12	3 670 000	2006
2007	---	188 ON APR 15	0 ON NOV 1	1 840 000R	2007
2008	---	590 ON APR 10	9.50 ON JAN 3	4 070 000	2008
				3 540 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	38.8	33.2	33.1	0.036	1.09	---	1950
1951	23.9	51.7	24.7	11.7	17.8	22.0	35.1	42.6	34.7	0.980	51.9	43.4	29.8	1951
1952	39.8	80.8	82.2	22.4	10.8	22.1	32.8	52.5	28.0	44.1	35.9	2.17	34.4	1952
1953	50.0	80.8	88.1	20.0	73.2	50.8	34.4	20.9	19.4	50.4	29.3	18.2	41.2	1953
1954	48.0	50.3	41.8	8.11	0.394	82.5	23.1	22.9	50.4	45.4	38.8	57.3	38.0	1954
1955	83.1	82.7	34.5	6.28	18.8	7.83	6.34	0	0	0	0	11.2	17.3	1955
1956	26.4	53.2	53.1	6.84	0	1.38	34.1	15.2	13.3	24.0	29.2	19.4	23.1	1956
1957	45.0	70.7	46.8	2.43	5.32	4.32	36.8	10.6	37.3	40.6	13.8	0.009	26.1	1957
1958	48.8	69.6	48.6	3.61	23.7	11.1	0	0	0	0	9.29	29.6	20.1	1958
1959	41.2	40.1	23.1	4.48	0	0	0	0	1.92	27.8	38.1	49.8	18.8	1959
1960	58.3	55.9	50.0	6.39	84.8	44.8	25.4	18.0	36.3	37.2	19.5	48.4	40.8	1960
1961	87.3	56.2	28.8	0	5.72	0	20.8	17.7	31.3	28.5	38.3	41.2	28.0	1961
1962	56.2	74.6	73.1	1.71	8.26	37.0	37.5	28.5	25.5	41.4	22.5	12.5	34.7	1962
1963	17.2	31.5	20.7	0.141	15.0	8.33	15.5	19.9	20.5	15.4	2.42	0	13.8	1963
1964	26.3	35.2	21.5	6.37	4.32	1.81	13.0	17.1	29.5	16.3	24.9	35.6	19.6	1964
1965	84.4	80.7	51.9	4.97	0.005	0	8.22	14.7	42.9	43.1	54.4	36.4	33.2	1965
1966	48.4	85.8	56.5	0.887	27.7	64.2	18.7	24.1	30.6	13.9	24.2	87.5	38.1	1966
1967	47.8	81.6	77.6	13.6	28.0	42.8	19.2	28.0	33.2	---	---	---	---	1967
MEAN	45.4	60.1	45.7	7.07	19.1	22.4	21.4	20.8	26.0	27.3	25.4	27.9	28.6	MEAN

LOCATION - LAT 48 52 00 N LONG 83 09 18 W
DRAINAGE AREA, 2 150 km²
REGULATED SINCE 1950
DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	
1951	---	74.6 ON FEB 22	0 ON MAR 22 *	---	1950
1952	---	92.3 ON AUG 16	0 ON APR 18	941 000	1951
1953	---	125 ON MAY 15	0 ON APR 22	1 080 000	1952
1954	---	118 ON OCT 23	0 ON JAN 3	1 300 000	1953
				1 200 000	1954
1955	---	86.9 ON JAN 27	0 ON APR 14	548 000	1955
1956	---	92.3 ON MAR 21	0 ON FEB 4	731 000	1956
1957	---	101 ON JUL 9	0 ON APR 5	833 000	1957
1958	---	93.2 ON FEB 14	0 ON APR 11	634 000	1958
1959	---	88.5 ON DEC 18	0 ON APR 15	591 000	1959
1960	---	212 ON MAY 14 *	0 ON APR 14	1 280 000	1960
1961	---	88.6 ON JAN 27	0 ON MAR 30	881 000	1961
1962	---	101 ON MAR 16	0 ON APR 3	1 100 000	1962
1963	---	49.6 ON MAY 28	0 ON MAR 29	436 000	1963
1964	---	58.3 ON DEC 31	0 ON JAN 1	821 000	1964
1965	---	103 ON FEB 4	0 ON APR 15	1 040 000	1965
1966	---	114 ON NOV 30	0 ON MAR 25	1 200 000	1966
1967	---	---	0 ON APR 14	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		802 000	MEAN

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	23.1	18.8	18.2	27.7	39.1	---	1946
1947	33.3	24.8	18.4	32.8	134	171	83.2	38.8	24.0	22.7	19.1	18.0	51.6	1947
1948	15.4	12.2	11.0	49.7	107	41.3	28.7	24.3	18.1	13.9	23.7	36.7	31.8	1948
1949	24.5	19.5	18.0	75.3	111	58.8	42.3	18.4	14.0	18.3	18.3	13.0	36.7	1949
1950	14.8	18.5	14.8	29.8	108	108	50.3	47.4	40.2	37.2	8.78	13.8	41.3	1950
1951	27.5	53.3	40.8	87.0	87.0	54.7	55.1	47.5	46.9	38.3	---	---	---	1951
1983	---	---	---	---	---	---	---	---	---	21.2	9.26	7.12	---	1983
1984	23.9	30.8	19.0	36.5	58.8	29.3	30.0	23.2	39.8	38.4	39.4	62.1	36.1	1984
1985	87.2	86.2	59.0	23.4	67.8	28.5	19.4	28.2	58.3	67.1	77.2	54.8	52.9	1985
1986	54.8	93.2	67.0	45.1	76.8	109	32.2	27.0	28.5	24.1	38.7	83.9	56.5	1986
1987	58.6	83.1	86.1	74.9	91.8	67.3	32.1	32.1	32.4	32.8	28.7	43.2	54.9	1987
1988	63.7	85.3	54.8	52.5	43.5	48.5	55.8	33.4	26.8	37.5	40.4	82.2	48.8	1988
1989	55.9	58.5	55.5	8.15	41.5	40.8	54.6	39.4	29.1	33.3	25.2	64.2	41.4	1989
1970	55.1	58.0	36.9	21.0	24.4	67.9	49.5	30.5	22.8	41.0	42.8	82.0	43.3	1970
1971	76.1	82.0	64.5	40.7	70.2	82.2	14.8	28.4	25.0	34.8	35.8	46.3	50.4	1971
1972	63.6	75.0	43.2	20.7	69.6	36.2	25.2	42.9	74.2	40.5	34.8	50.1	47.9	1972
1973	70.1	71.9	67.0	47.8	67.0	72.6	39.2	60.8	24.7	32.5	27.1	27.9	50.8	1973
1974	25.9	55.7	89.2	22.9	84.3	60.7	36.3	26.2	27.8	21.1	31.8	64.6	43.0	1974
1975	71.5	74.6	58.3	14.4	74.7	103	42.8	18.4	20.0	19.8	22.0	40.8	48.7	1975
1976	70.0	70.4	39.6	48.8	87.4	52.2	26.2	23.7	22.5	26.7	11.6	20.8	41.4	1976
1977	17.6	36.6	47.2	21.1	28.7	23.0	22.1	25.2	24.6	41.7	80.5	49.3	33.1	1977
1978	69.5	91.7	62.7	12.6	33.5	32.8	18.7	21.1	43.8	85.8	46.3	39.8	46.3	1978
1979	72.6	87.0	52.9	50.8	163	95.1	58.2	37.7	46.0	32.3	47.4	55.8	68.2	1979
1980	69.7	49.4	54.8	15.1	37.4	40.5	20.8	57.2	61.5	14.2	16.2	10.9	40.6	1980
1981	6.79	31.8	36.3	38.1	35.7	26.5	52.1	33.5	26.8	28.2	14.2	37.3	30.8	1981
1982	53.0	42.4	32.3	17.8	31.9	18.2	16.5	23.6	19.3	30.6	87.7	48.4	32.9	1982
1983	99.8	103	38.8	16.3	82.9	172	38.9	29.1	22.9	28.1	16.5	41.4	57.3	1983
1984	84.6	80.8	40.4	27.0	28.3	21.0	52.6	32.4	23.1	29.8	72.8	58.5	46.9	1984
1985	82.2	73.1	80.4	40.5	80.0	58.4	26.2	19.8	18.0	14.7	18.4	43.7	45.4	1985
1986	84.5	73.0	40.4	29.5	34.6	15.6	44.5	48.3	32.8	58.2 R	43.8	84.0	47.2R	1986
1987	84.2	85.4	27.8R	32.3	14.5	7.97	11.0	11.1	10.2	8.21	2.87	39.1	28.3R	1987
1988	84.0	18.0	30.8	27.9	42.2	26.1	22.0	25.3	26.4	30.5	83.2	84.1	41.1	1988
MEAN	58.3	59.5	45.3R	35.8	66.6	59.5	38.6	31.5	31.3	31.7 R	33.9	43.6	44.4R	MEAN

LOCATION - LAT 48 54 42 N LONG 83 12 38 W
DRAINAGE AREA, 4 040 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1947	---	212 ON JUN 19	16.3 B ON DEC 31	1 630 000	1947
1948	---	133 ON MAY 2	10.3 BE ON MAR 14	1 010 000	1948
1949	---	144 ON MAY 11	7.70 ON SEP 2	1 120 000	1949
1950	---	188 ON MAY 30	8.85 ON NOV 12	1 300 000	1950
1951	---	139 ON APR 14	---	---	1951
1953	---	---	---	---	1953
1954	88.7 AT 03:00 EST ON MAY 26	81.6 ON APR 29	7.62 B ON JAN 1	1 110 000	1954
1955	119 AT 08:00 EST ON SEP 25	118 ON SEP 25	15.1 ON JUL 3	1 670 000	1955
1956	166 AT 22:30 EST ON JUN 10	165 ON JUN 11	8.16 ON SEP 24	1 780 000	1956
1957	119 AT 06:00 EST ON MAR 5	117 ON MAR 5	16.5 ON NOV 18	1 730 000	1957
1958	---	87.5E ON JAN 20	15.5 ON FEB 10	1 540 000	1958
1959	328 AT 21:12 EST ON DEC 23 *	143 ON OCT 24	0.057 ON JUN 7	1 310 000	1959
1970	309 AT 20:57 EST ON JUL 6	178 ON JUL 1	0.078 ON APR 5	1 370 000	1970
1971	306 AT 19:37 EST ON JAN 6	186 ON JAN 29	0.269 ON NOV 28	1 590 000	1971
1972	---	178 ON SEP 5	0 ON JAN 1 *	1 520 000	1972
1973	---	152 ON JAN 8	0 ON JAN 14	1 600 000	1973
1974	---	163 ON MAR 8	0 ON JAN 6	1 380 000	1974
1975	---	152 ON JUN 23	0 ON APR 1	1 470 000	1975
1976	---	168 ON MAY 21	0 ON MAR 20	1 310 000	1976
1977	---	138 ON NOV 4	0 ON JAN 2	1 040 000	1977
1978	---	188 ON OCT 10	0 ON JAN 22	1 430 000	1978
1979	---	345 ON MAY 1	0 ON MAR 3	2 150 000	1979
1980	---	147 ON AUG 30	0 ON MAR 23	1 280 000	1980
1981	---	134 ON MAR 22	0 ON JAN 1	978 000	1981
1982	---	119 ON JAN 22	0 ON FEB 15	1 040 000	1982
1983	---	351 ON JUN 3 *	0 ON APR 16	1 810 000	1983
1984	---	150 ON FEB 8	0 ON APR 29	1 450 000	1984
1985	---	187 ON APR 30	0 ON APR 24	1 430 000	1985
1986	---	184 ON FEB 4	0 ON APR 28	1 480 000R	1986
1987	---	170 ON MAR 2	0 ON MAR 7	788 000R	1987
1988	---	145 ON DEC 6	0 ON JAN 1	1 300 000	1988
				1 400 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MISSISSAGI RIVER BELOW IRON BRIDGE - STATION NO. 02CC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	116	226	159	---	1919
1920	59.2	40.7	126	396	311	181	105	36.2	37.1	---	---	---	---	1920
MEAN	59.2	40.7	126	396	311	181	105	36.2	37.1	116	226	159	---	MEAN

LOCATION - LAT 46 15 15 N LONG 83 11 05 W
DRAINAGE AREA, 9 250 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	683 ON APR 3 *	29.2 ON AUG 10 *	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	311	134	62.8	36.7	33.6	32.6	31.4	---	1947
1948	28.3	20.7	22.5	145	183	89.6	48.8	37.1	33.3	28.2	52.1	67.4	61.8	1948
1949	44.7	37.7	37.5	188	188	100	76.1	36.5	34.3	34.8	40.3	30.5	70.1	1949
1950	33.8	36.4	3.85	84.2	388	172	76.7	77.7	65.0	---	---	---	---	1950
MEAN	34.2	31.3	21.4	126	216	183	83.2	51.6	39.6	31.5	41.7	43.1	65.8	MEAN

LOCATION - LAT 46 24 50 N LONG 83 23 35 W
DRAINAGE AREA, 7 100 km^2
REGULATED

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	285 ON APR 29 *	20.7 B ON FEB 1	1 950 000	1949
		2328 ON MAY 1	24.6 ON AUG 29	2 210 000	
1950	---	2588 ON MAY 1	0.2838 ON MAR 6 *	---	1950
				2 080 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	2.35	1.82	3.26	12.4	8.51	5.56	1.80	5.47	3.08	5.42	5.15	---	1972
1973	6.07	5.77	4.49	14.7	4.46	3.12	3.83	1.44	5.86	2.98	2.42	4.80	4.87	1973
1974	4.16	4.63	1.30	13.6	13.1	1.81	2.87	1.56	2.89	3.86	4.14	4.15	4.82	1974
1975	3.43	3.00	4.36	7.13	8.22	0.571	2.85	3.73	1.88	2.58	1.25	1.85	3.36	1975
1976	2.80	3.39	8.54	9.35	5.90	2.45	2.58	3.63	3.37	3.15	1.84	1.98	4.05	1976
1977	1.78	1.53	1.25	4.11	1.94	2.87	1.88	1.75	3.50	2.72	2.58	8.49	2.85	1977
1978	7.54	3.43	1.72	5.77	11.4	2.13	2.82	2.67	5.84	3.71	3.22	4.74	4.82	1978
1979	5.01	4.15	3.21	15.3	4.56	3.09	3.52	3.02	4.69	3.50	5.65	8.83	5.43	1979
1980	7.29	0.891	0.424	13.3	3.32	2.04	1.58	2.56	5.89	4.41	4.23	4.77	4.22	1980
1981	3.40	2.77	5.04	8.85	4.01	2.48	2.87	2.20	6.18	4.97	5.14	4.03	4.17	1981
1982	3.02	2.42	2.51	6.64	4.36	3.52	2.52	4.08	4.28	4.68	5.82	10.6	4.55	1982
1983	8.66	3.28	0.461	8.15	14.2	3.89	3.02	3.05	2.84	0.864	1.13	2.62	4.17	1983
1984	2.89	8.18	5.26	7.33	4.96	2.16	1.83	3.71	6.01	2.95	2.53	3.39	4.15	1984
1985	7.17	4.51	7.59	12.2	2.79	2.70	2.55	2.52	9.55	7.48	5.41	7.82	6.10	1985
1986	4.48	3.54	3.85	2.25	5.28	6.87	4.05	3.22	11.4	12.7	4.91	3.42	5.48	1986
1987	3.25	2.62	2.39	4.86	3.14	1.92	2.86	3.74	2.58	2.10	1.42	5.15	2.98	1987
1988	4.86	2.75	2.83	5.29	4.17	3.80	3.85	2.01	2.75	2.36	3.09	3.89	3.40	1988
MEAN	4.73	3.37	3.40	8.13	6.37	3.17	2.81	2.77	4.98	4.01	3.80	5.01	4.33	MEAN

LOCATION - LAT 44 40 30 N
LONG 76 20 45 W
DRAINAGE AREA, 326 km^2
REGULATED

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	28.4 AT 14:44 EST ON JUN 28	26.1 ON JUN 25	0.697 ON APR 6	---	1972
1973	33.0 AT 08:43 EST ON APR 5	31.7 ON APR 5	0.677 ON AUG 4	184 000	1973
1974	29.7 AT 19:10 EST ON APR 19	29.2 ON APR 20	0.507 ON JUN 26	182 000	1974
1975	31.7 AT 19:09 EST ON APR 30	30.8 ON MAY 1	0.482 ON MAY 20	107 000	1975
1976	23.3 AT 09:14 EST ON APR 2	21.8 ON APR 1	1.39 ON SEP 28	129 000	1976
1977	13.8 AT 11:30 EST ON DEC 29	13.4 ON DEC 30	0.184 ON MAY 16	90 000	1977
1978	28.2 AT 21:04 EST ON MAY 15	26.4 ON MAY 17	0.258 ON MAR 30	148 000	1978
1979	25.5 AT 05:30 EST ON APR 7	24.0 ON APR 7	1.08 ON MAR 17	171 000	1979
1980	30.1 AT 02:10 EST ON APR 19	25.8 ON APR 18	0.178 ON FEB 21 *	134 000	1980
1981	14.2 AT 05:31 EST ON SEP 17	13.9 ON SEP 17	1.14 ON APR 1	132 000	1981
1982	16.0 AT 10:30 EST ON APR 28	16.0 ON APR 28	0.777 ON JUL 8	143 000	1982
1983	33.0 AT 20:57 EST ON MAY 9 *	31.9 ON MAY 10 *	0.344 ON MAR 1	132 000	1983
1984	18.4 AT 23:17 EST ON APR 20	18.2 ON APR 20	0.784 ON APR 4	131 000	1984
1985	25.6 AT 11:24 EST ON APR 24	25.6 ON APR 24	0.817 ON MAY 18	192 000	1985
1986	27.6 AT 14:29 EST ON OCT 1	21.1 ON OCT 1	1.08 ON APR 5	173 000	1986
1987	12.2 AT 09:03 EST ON APR 5	11.8 ON APR 8	0.443 ON APR 27	93 800	1987
1988	---	8.35 ON APR 21	1.20 ON AUG 15	108 000	1988
				137 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	20.3	30.3	37.9	---	1918
1919	40.8	26.3	52.4	118	120	84.6	19.8	12.7	12.8	13.8	23.9	16.8	45.1	1919
1920	15.7	15.8	35.8	70.3	41.2	20.8	14.4	11.8	10.7	10.1	10.8	13.4	22.5	1920
1921	14.8	8.57	72.3	83.6	52.7	17.0	8.78	12.0	11.3	11.2	11.9	12.8	26.6	1921
1922	11.9	11.2	30.6	108	58.6	31.3	19.7	12.1	8.43	8.74	8.37	7.11	27.3	1922
1923	10.5	8.84	8.57	43.2	55.1	57.4	17.5	8.81	8.80	7.84	8.81	10.9	20.4	1923
1924	16.9	22.1	37.5	102	90.7	28.4	12.4	10.5	8.51	10.0	8.42	7.80	29.6	1924
1925	8.28	11.8	43.0	82.2	40.7	22.6	17.7	14.7	12.2	14.6	43.2	48.7	30.2	1925
1926	28.9	30.0	25.8	84.3	124	42.6	19.8	12.2	11.6	10.4	21.6	28.2	38.6	1926
1927	21.0	32.3	74.3	72.6	57.1	47.9	28.8	23.3	16.4	10.3	29.2	76.2	40.9	1927
1928	45.6	30.9	43.9	181	94.4	33.0	20.1	22.0	15.2	38.9	90.4	83.2	58.5	1928
1929	48.5	40.2	89.7	155	118	45.8	14.2	8.21	8.12	8.34	8.27	7.85	46.0	1929
1930	15.0	23.7	36.7	87.7	45.0	27.8	15.4	7.35	7.88	8.97	7.88	8.51	21.5	1930
1931	7.82	8.87	8.81	61.3	32.3	19.4	9.86	10.8	8.36	10.2	7.80	16.8	17.2	1931
1932	47.8	51.3	34.5	118	80.3	21.2	8.01	7.28	7.28	8.12	17.8	22.5	35.3	1932
1933	30.8	33.4	31.7	138	81.2	22.8	9.77	7.80	7.83	7.90	7.17	7.67	30.9	1933
1934	8.10	9.77	11.8	119	80.9	20.5	8.80	7.85	8.19	8.78	8.40	9.03	23.4	1934
1935	11.8	14.7	31.3	82.5	37.5	28.0	22.3	11.0	8.95	8.77	9.88	21.5	22.4	1935
1936	22.2	17.8	87.4	187	86.4	21.7	12.1	9.06	8.85	8.56	17.3	12.7	37.5	1936
1937	54.7	51.6	31.3	80.2	103	43.3	12.6	8.40	8.03	7.48	35.8	37.8	39.5	1937
1938	24.2	28.6	54.8	105	86.4	17.0	9.27	8.78	8.01	7.21	8.85	8.07	27.6	1938
1939	8.80	12.1	12.2	70.0	103	20.3	9.93	10.4	9.84	9.15	10.8	11.8	23.9	1939
1940	10.3	10.2	11.4	83.1	84.9	79.8	14.5	12.8	13.0	10.2	9.32	10.4	28.1	1940
1941	28.2	27.6	26.9	78.5	20.8	9.71	8.41	8.31	7.92	8.43	9.71	16.8	20.7	1941
1942	25.9	21.1	53.1	111	51.5	24.0	11.3	8.23	8.88	8.84	28.9	31.7	32.0	1942
1943	24.3	30.6	46.8	121	178	84.3	19.2	12.4	11.2	11.1	18.8	17.9	48.3	1943
1944	12.3	11.0	10.4	35.3	85.1	23.4	11.0	8.85	10.3	9.28	9.47	10.4	17.3	1944
1945	10.1	9.12	38.7	75.4	86.1	82.5	27.8	14.2	10.6	26.8	29.7	27.8	35.0	1945
1946	30.6	23.1	89.1	48.7	19.9	14.7	9.38	9.39	9.07	8.28	13.8	21.9	23.3	1946
1947	28.3	41.3	53.8	158	111	80.5	37.6	15.3	11.2	12.0	14.8	15.5	46.1	1947
1948	12.5	15.4	46.4	103	52.9	46.5	16.3	12.3	12.6	12.2	10.8	12.4	28.5	1948
1949	16.3	20.7	33.3	114	80.0	14.0	10.4	8.87	8.71	11.4	8.98	13.2	26.8	1949
1950	43.5	51.4	44.8	125	85.0	23.8	8.07	7.99	8.18	8.18	12.6	22.1	34.9	1950
1951	30.0	37.6	60.4	186	81.6	16.1	13.1	8.80	8.61	9.15	21.0	32.5	40.4	1951
1952	37.8	40.2	48.3	127	58.0	32.5	11.4	10.7	9.88	9.72	9.80	15.8	34.1	1952
1953	15.8	18.2	41.5	85.2	55.9	21.2	14.1	11.1	8.80	10.5	14.0	19.5	24.7	1953
1954	21.5	21.2	40.3	118	76.4	29.3	14.1	11.0	15.3	26.4	41.5	44.8	36.5	1954
1955	35.1	27.4	43.5	138	59.7	18.7	8.54	8.38	8.11	17.2	50.5	21.8	35.8	1955
1956	16.0	14.5	15.2	84.9	107	63.4	12.4	9.65	9.79	11.8	11.7	13.3	30.9	1956
1957	13.4	15.7	23.6	38.7	23.8	13.4	10.4	7.85	7.30	7.21	8.24	12.7	15.2	1957
1958	21.0	20.6	28.4	80.8	39.3	16.4	9.85	7.85	7.57	8.89	10.0	12.6	21.9	1958
1959	11.7	13.3	19.2	92.7	38.4	13.7	10.3	8.41	8.48	8.05	13.6	26.9	21.9	1959
1960	25.9	29.5	33.9	149	80.4	15.0	8.21	7.06	8.82	8.40	8.74	8.45	31.2	1960
1961	8.88	8.05	7.78	47.6	34.4	28.6	11.4	8.52	8.88	8.57	7.73	7.51	15.3	1961
1962	7.21	7.00	8.73	58.6	23.8	8.18	8.08	8.03	8.55	8.19	11.4	16.4	13.8	1962
1963	20.8	17.7	16.7	87.5	32.8	15.0	7.08	8.41	7.40	8.20	11.2	29.6	20.2	1963
1964	24.8	29.4	48.7	81.1	31.8	13.5	8.23	8.43	8.41	8.15	8.85	8.48	19.3	1964
1965	10.2	11.8	21.4	85.0	43.1	11.2	8.20	8.73	8.05	10.2	24.2	49.8	22.4	1965
1966	42.4	33.0	58.5	47.3	28.1	28.5	10.8	7.41	7.82	8.85	11.3	48.4	27.2	1966
1967	43.0	29.0	27.2	80.1	36.0	22.4	33.8	18.3	17.8	34.2	88.3	58.7	39.0	1967
1968	37.8	34.8	80.0	84.0	19.8	15.8	21.3	11.1	16.5	16.1	16.7	26.1	29.1	1968
1969	23.1	29.2	38.7	120	137	58.8	23.2	17.8	11.5	7.44	13.0	19.4	41.7	1969
1970	18.0	18.2	27.8	101	72.5	25.8	10.7	8.88	7.30	9.84	19.9	32.8	28.2	1970
1971	23.4	23.1	39.5	128	112	14.8	8.80	4.98	7.79	8.15	8.10	22.5	33.4	1971
1972	28.0	28.5	31.8	103	121	30.5	31.3	25.1	10.8	12.4	33.7	43.3	41.7	1972
1973	46.3	50.5	116	128	84.5	17.0	8.58	10.8	14.1	12.2	17.1	21.4	41.3	1973
1974	26.0	32.2	62.1	117	116	33.3	12.8	10.5	8.40	7.28	14.8	28.4	38.8	1974
1975	27.8	22.9	38.1	87.7	78.2	18.3	8.80	8.85	7.82	7.80	10.6	19.8	28.4	1975
1976	20.2	24.4	85.4	169	83.0	29.8	13.1	8.76	8.80	14.0	18.4	21.8	36.4	1976
1977	14.5	12.7	65.3	71.5	27.4	10.4	7.58	7.73	8.21	11.1	18.0	33.2	23.8	1977
1978	45.0	54.3	38.2	128	77.9	13.8	8.88	8.24	8.89	7.71	11.0	16.0	33.8	1978
1979	19.4	18.0	81.3	125	88.2	30.4	8.42	7.83	8.38	14.1	23.9	45.5	35.1	1979
1980	48.5	23.4	55.1	81.8	78.2	18.6	18.1	13.7	13.2	12.5	28.8	32.9	35.2	1980
1981	25.1	86.5	100	33.1	28.4	33.6	18.2	13.0	80.0	42.8	83.8	40.5	43.3	1981
1982	30.4	23.8	25.9	103	85.0	28.8	11.4	8.72	10.4	11.2	22.0	45.9	31.3	1982
1983	86.5	47.0	54.3	88.1	101	26.1	7.07	8.36	8.84	8.18	21.0	39.9	37.5	1983
1984	27.6	48.8	84.9	159	97.4	27.8	7.68	7.89	8.88	7.48	10.8	15.6	39.9	1984
1985	17.5	17.8	57.4	88.0	42.4	14.5	8.20	8.19	11.9	8.27	17.9	24.1	28.0	1985
1986	24.6	21.5	32.2	56.1	30.6	24.7	18.3	18.0	32.8	74.3	47.3	45.2	35.6	1986
1987	32.0	24.1	37.1	117	28.3	18.2	12.8	7.38	7.72	12.6	18.7	80.4	30.6	1987
1988	34.1	34.3	36.6	84.4	42.8	15.9	8.07	8.16	8.37	10.4	22.5	22.0	28.5	1988
MEAN	25.1	25.4	41.8	96.5	88.0	28.7	13.5	10.3	10.8	12.4	19.3	24.6	31.1	MEAN

LOCATION - LAT 45 10 35 N DRAINAGE AREA, 2 800 km²
LONG 78 07 27 W REGULATED

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	184 ON MAY 29	3.86 ON OCT 13	1 420 000	1919
1920	---	89.8 ON MAR 30	4.83 ON AUG 22	712 000	1920
1921	---	125 ON MAR 28	5.078 ON FEB 13	838 000	1921
1922	---	153 ON APR 25	2.83 ON SEP 24	882 000	1922
1923	---	75.6 ON JUN 17	2.88 ON APR 1	845 000	1923
1924	---	119 ON APR 13	5.768 ON DEC 7	936 000	1924
1925	---	104 ON APR 2	6.17 ON SEP 8	952 000	1925
1926	---	212 ON APR 28	7.33 ON OCT 20	1 150 000	1926
1927	---	148 ON MAR 23	8.27 ON OCT 31	1 290 000	1927
1928	---	280 ON APR 13 *	12.0 ON SEP 9	1 740 000	1928
1929	---	182 ON APR 10	2.27 ON NOV 3 *	1 460 000	1929
1930	---	75.3 ON APR 13	4.96 ON AUG 14	878 000	1930
1931	---	82.1 ON APR 15	3.80 ON OCT 25	842 000	1931
1932	---	162 ON APR 16	4.42 ON SEP 18	1 120 000	1932
1933	---	176 ON APR 23	4.08 ON SEP 3	975 000	1933
1934	---	175 ON APR 16	6.43 ON JUL 22	738 000	1934
1935	---	73.3 ON MAR 30	5.10 ON NOV 3	705 000	1935
1936	---	219 ON APR 3	5.35 ON SEP 20	1 180 000	1936
1937	---	128 ON MAY 13	3.77 ON SEP 19	1 280 000	1937
1938	---	165 ON MAR 30	3.23 ON DEC 25	870 000	1938
1939	---	183 ON MAY 1	3.23 ON JAN 8	756 000	1939
1940	---	151 ON APR 24	5.29 ON NOV 3	919 000	1940
1941	---	106 ON APR 20	4.53 ON SEP 7	853 000	1941
1942	---	122 ON APR 8	7.16 ON AUG 16	1 010 000	1942
1943	---	189 ON MAY 5	9.51 ON JUL 11	1 530 000	1943
1944	---	86.6 ON APR 30	6.67 ON DEC 9	548 000	1944
1945	---	107 ON MAY 23	9.128 ON FEB 1	1 100 000	1945
1946	---	104 ON MAR 21	7.16 ON JUL 1	734 000	1946
1947	---	217 ON APR 17	9.51 ON SEP 8	1 520 000	1947
1948	---	138 ON APR 1	6.17 ON NOV 7	935 000	1948
1949	---	138 ON APR 5	6.17 ON NOV 13	844 000	1949
1950	---	152 ON APR 9	6.28 ON OCT 8	1 100 000	1950
1951	---	165 ON APR 13	6.17 ON OCT 6	1 270 000	1951
1952	---	159 ON APR 11	7.02 ON NOV 1	1 080 000	1952
1953	---	117 ON APR 1	6.88 ON SEP 12	776 000	1953
1954	---	165 ON APR 18	9.51 ON JUL 22	1 210 000	1954
1955	---	186 ON APR 11	4.87 ON SEP 17	1 130 000	1955
1956	---	124 ON APR 21	8.33 ON SEP 30	977 000	1956
1957	---	49.3 ON APR 11	5.97 ON OCT 13	478 000	1957
1958	---	95.5 ON APR 10	5.89 ON SEP 21	889 000	1958
1959	---	134 ON APR 14	4.81 ON OCT 11	880 000	1959
1960	226 AT 22:00 EST ON APR 22	227 ON APR 22	4.53 ON AUG 21	886 000	1960
1961	87.1 AT 16:00 EST ON APR 23	86.6 ON APR 23	3.61 ON FEB 25	481 000	1961
1962	78.4 AT 10:25 EST ON APR 17	78.4 ON APR 15	3.88 ON AUG 5	434 000	1962
1963	113 AT 04:00 EST ON APR 7	112 ON APR 7	5.10 ON AUG 10	636 000	1963
1964	70.5 AT 03:00 EST ON APR 21	70.2 ON APR 21	4.60 ON AUG 4	808 000	1964
1965	107 AT 22:00 EST ON APR 19	107 ON APR 20	5.49 ON AUG 10	708 000	1965
1966	73.6 AT 16:00 EST ON MAR 25	72.8 ON MAR 25	6.06 ON OCT 13	858 000	1966
1967	97.4 AT 23:30 EST ON APR 9	96.8 ON APR 8	14.3 ON JUN 8	1 230 000	1967
1968	157 AT 18:30 EST ON APR 4	155 ON APR 4	9.26 ON AUG 30	920 000	1968
1969	184 AT 17:00 EST ON MAY 2	182 ON MAY 2	6.48 ON OCT 13	1 310 000	1969
1970	169 AT 03:00 EST ON APR 25	167 ON APR 25	4.64 ON AUG 23	820 000	1970
1971	218 AT 01:45 EST ON APR 26	216 ON APR 25	4.45 ON AUG 5	1 080 000	1971
1972	196 AT 09:50 EST ON APR 25	194 ON APR 25	7.87 ON SEP 28	1 320 000	1972
1973	191 AT 21:30 EST ON MAR 21	189 ON MAR 21	8.65 ON JUL 21	1 300 000	1973
1974	154 AT 18:10 EST ON APR 21	153 ON APR 21	5.83 ON OCT 20	1 220 000	1974
1975	181 AT 08:00 EST ON APR 26	181 ON APR 25	5.07 ON AUG 8	887 000	1975
1976	238 AT 23:42 EST ON APR 5 *	236 ON APR 5	7.58 ON AUG 30	1 150 000	1976
1977	121 AT 12:00 EST ON MAR 21	120 ON MAR 21	5.64 ON JUL 28	752 000	1977
1978	182 AT 07:26 EST ON APR 25	181 ON APR 25	4.39 ON JUL 30	1 070 000	1978
1979	153 AT 08:11 EST ON APR 6	153 ON APR 6	5.98 ON JUL 23	1 110 000	1979
1980	158 AT 22:17 EST ON MAR 28	156 ON MAR 27	7.86 ON OCT 23	1 110 000	1980
1981	204 AT 00:16 EST ON MAR 1	202 ON FEB 28	10.2 ON AUG 5	1 370 000	1981
1982	154 AT 17:51 EST ON APR 25	152 ON APR 25	6.60 ON AUG 21	988 000	1982
1983	138 AT 03:17 EST ON MAY 15	135 ON MAY 14	4.51 ON JUL 30	1 180 000	1983
1984	198 AT 12:03 EST ON APR 22	198 ON APR 22	4.48 ON SEP 30	1 280 000	1984
1985	104 AT 18:50 EST ON APR 10	102 ON APR 11	3.54 ON AUG 22	821 000	1985
1986	95.5 AT 20:53 EST ON APR 4	94.4 ON APR 4	11.6 ON MAY 19	1 120 000	1986
1987	178 AT 04:23 EST ON APR 10	178 ON APR 10	4.54 ON AUG 28	864 000	1987
1988	---	132 ON APR 9	3.72 ON AUG 18	840 000	1988
				981 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	15.0	15.1	13.2	12.0	13.3	---	1915
1916	18.7	32.7	20.8	146	108	85.7	55.7	17.0	11.0	10.8	7.72	8.31	47.0	1916
1917	8.43	14.8	27.7	121	84.4	25.8	15.7	12.2	9.23	10.5	15.3	10.5	27.7	1917
1918	12.0	18.0	46.1	137	53.8	18.1	17.8	11.0	15.7	18.9	28.4	37.8	34.5	1918
1919	38.4	18.5	47.2	117	123	77.1	17.0	12.5	10.3	---	---	---	---	1919
1983	63.5	42.8	47.7	58.0	82.3	22.5	8.12	7.73	7.17	8.87	18.7	34.0	34.2	1983
1984	24.5	47.1	57.7	144	81.5	23.3	7.98	8.07	8.75	7.71	10.3	12.9	35.6	1984
1985	17.5	17.1	48.3	80.2	38.1	14.6	8.85	8.08	12.0	5.81	17.3	22.7	24.2	1985
1986	20.3	16.0	33.2	81.0	29.2	21.7	18.6	18.7	30.4	84.1	43.3	42.7	32.7	1986
1987	29.5	22.4	36.5	104	29.4	18.0	13.0	8.83	8.04	12.2	18.8	46.5	28.8	1987
1988	36.0	36.2	37.6	76.2	42.8	14.3	8.93	8.47	8.38	8.35	18.8	21.7	25.7	1988
MEAN	28.4	26.9	40.2	103	88.3	33.1	17.0	11.3	12.0	15.8	19.2	24.8	32.0	MEAN

LOCATION - LAT 45 03 10 N
LONG 76 17 11 W
DRAINAGE AREA, 2 620 km²
REGULATED

REMARKS - 1915-19 CONTRIBUTED BY ONTARIO HYDRO

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	185 ON APR 20	3.99 ON DEC 31	1 380 000	1916
1917	---	147 ON APR 3	3.08 ON JAN 10 *	873 000	1917
1918	---	178 ON APR 6	8.44 ON AUG 20	1 090 000	1918
1919	---	198 ON MAY 26 *	---	---	1919
1983	126 AT 22:06 EST ON MAY 12	125 ON MAY 12	4.13 ON OCT 23	1 080 000	1983
1984	194 AT 19:50 EST ON APR 8 *	192 ON APR 10	5.82 ON OCT 1	1 130 000	1984
1985	99.6 AT 14:22 EST ON APR 10	98.7 ON APR 10	4.43 ON OCT 12	782 000	1985
1986	85.8 AT 14:21 EST ON APR 2	85.6 ON APR 2	12.3 ON MAY 16	1 030 000	1986
1987	177 AT 03:45 EST ON APR 8	176 ON APR 8	8.73 ON AUG 27	811 000	1987
1988	---	133 ON APR 7	4.48 ON AUG 21	814 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010 000	MEAN

MISSISSIPPI RIVER AT CALETTA - STATION NO. 02KF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	14.1	17.6	16.4	12.6	12.1	14.3	---	1915
1916	22.3	38.6	27.6	158	102	77.7	53.6	18.2	11.4	11.3	9.20	9.88	46.8	1916
1917	8.91	8.83	32.2	126	86.1	31.8	16.1	12.1	8.52	13.4	16.6	12.7	29.7	1917
1918	10.0	14.3	47.8	160	51.5	15.7	14.4	13.9	16.0	26.9	35.0	38.2	38.9	1918
1919	32.1	18.5	57.3	128	127	76.4	16.9	11.1	11.1	---	---	---	---	1919
MEAN	18.3	20.1	41.2	142	88.4	50.4	23.4	14.8	12.5	15.8	18.7	18.7	37.1	MEAN

LOCATION - LAT 45 25 00 N
LONG 76 15 00 W
DRAINAGE AREA, 3 760 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSIPPI RIVER AT CALETTA - STATION NO. 02KF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	181 ON APR 12	8.68 ON OCT 8	1 410 000	1916
1917	---	160 ON MAR 28	8.68 ON JAN 7	935 000	1917
1918	---	274 ON APR 7 *	8.00 ON JUN 28 *	1 180 000	1918
1919	---	208 ON MAY 23	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 170 000	MEAN

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO. 02KF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	12.1	6.69	7.84	---	1919
1920	10.7	7.63	5.49	9.04	15.3	10.2	8.25	9.13	7.78	4.56	8.31	5.43	8.58	1920
1921	6.21	5.88	12.2	31.6	24.6	8.81	7.41	9.61	7.61	7.92	7.43	6.83	11.2	1921
1922	8.34	6.72	6.08	40.1	34.6	15.4	10.3	8.87	6.51	5.47	6.80	5.90	12.6	1922
1923	6.80	5.00	3.80	6.65	22.0	24.6	8.38	5.47	5.77	6.64	5.35	5.82	8.76	1923
1924	7.97	10.7	15.0	23.5	42.2	9.40	7.37	6.34	4.78	6.43	4.78	6.87	12.1	1924
1925	7.19	6.36	4.97	32.1	15.2	7.21	14.2	5.95	7.73	5.36	15.2	12.6	11.3	1925
1926	19.6	14.6	13.6	16.5	45.2	19.8	12.2	6.11	5.84	5.88	6.18	6.89	14.3	1926
1927	12.6	18.0	16.7	22.3	20.8	16.5	12.3	13.8	6.89	5.70	5.75	25.2	15.1	1927
1928	18.2	17.3	26.7	42.2	13.6	6.50	11.4	9.80	13.7	34.6	25.2	23.6	18.6	1928
1929	22.4	25.9	32.6	65.4	45.7	24.4	8.99	6.39	4.59	5.88	6.48	4.42	20.6	1929
1930	6.75	17.0	9.29	6.37	22.0	9.38	7.72	6.16	8.92	8.11	6.38	5.12	9.39	1930
1931	5.82	9.02	8.52	3.65	2.26	5.00	5.65	9.02	10.5	6.53	6.27	7.47	6.86	1931
1932	15.6	26.1	16.4	33.6	31.7	7.16	5.63	5.54	5.74	5.76	4.46	6.62	13.5	1932
1933	17.6	28.6	14.6	40.1	33.3	11.8	5.89	4.76	5.44	6.61	5.70	6.24	14.7	1933
1934	6.11	7.73	10.6	16.5	24.8	11.5	7.33	6.19	6.63	6.86	5.04	4.99	9.65	1934
1935	6.63	10.9	16.4	11.2	10.4	9.24	6.26	5.82	4.76	5.04	6.63	10.2	8.84	1935
1936	13.2	14.1	23.1	53.2	38.6	10.7	7.79	6.86	6.18	4.91	5.35	6.67	15.7	1936
1937	17.6	27.6	13.1	9.30	45.3	21.3	6.21	6.50	5.13	10.4	16.8	20.3	16.6	1937
1938	12.6	13.1	16.4	36.6	29.6	8.08	7.35	6.94	5.85	4.13	4.86	3.67	12.4	1938
1939	6.47	10.2	8.32	8.76	25.0	6.73	6.76	7.96	7.42	6.51	7.17	7.76	9.10	1939
1940	7.19	9.21	10.1	8.76	31.4	32.4	6.84	6.68	10.2	6.85	6.61	6.61	12.2	1940
1941	8.86	16.7	17.6	10.2	3.86	5.31	6.26	6.70	7.98	4.09	4.26	6.60	8.21	1941
1942	10.2	15.8	14.8	33.6	13.6	14.0	7.12	7.26	7.44	6.75	13.4	16.4	13.3	1942
1943	12.6	16.8	16.6	32.3	78.8	23.0	9.63	8.01	7.31	7.85	4.81	9.96	19.5	1943
1944	11.4	8.52	6.22	3.63	9.16	7.26	6.63	6.56	7.45	7.66	6.84	4.72	7.26	1944
1945	5.89	5.44	4.85	11.6	25.2	20.3	10.7	4.64	7.69	10.3	13.6	13.3	11.2	1945
1946	14.6	14.7	13.6	14.4	4.11	6.95	6.71	7.85	6.68	5.76	6.23	6.34	8.89	1946
1947	11.0	17.7	25.6	43.2	32.9	26.4	9.79	6.96	6.68	7.87	11.6	10.2	17.5	1947
1948	8.89	11.1	13.6	25.6	23.3	13.7	6.81	6.86	7.47	6.86	5.76	4.79	11.1	1948
1949	10.1	14.0	13.9	24.3	14.0	4.90	6.66	7.86	6.98	6.73	6.86	6.62	10.3	1949
1950	16.2	24.9	21.0	23.1	20.6	7.17	6.29	6.89	6.74	6.88	12.6	9.43	13.6	1950
1951	10.6	14.9	20.1	49.6	25.2	4.26	5.42	6.10	7.76	6.16	12.4	15.2	14.9	1951
1952	18.0	21.5	19.4	24.6	11.5	10.5	5.01	4.70	6.15	7.70	9.81	10.0	12.4	1952
1953	13.2	12.1	6.86	4.89	16.6	7.94	7.97	7.71	7.73	6.21	11.9	10.4	9.81	1953
1954	13.6	14.4	12.1	21.1	23.6	6.89	7.66	6.56	10.7	6.51	6.97	20.2	13.3	1954
1955	21.6	20.1	16.6	29.6	17.6	13.0	5.03	4.62	7.43	6.56	17.6	14.1	14.6	1955
1956	13.6	16.7	15.2	6.26	36.3	21.6	5.84	6.26	6.46	12.0	6.16	11.1	13.5	1956
1957	13.6	16.0	13.2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	11.9	14.6	14.3	24.6	26.1	13.0	7.63	7.12	7.00	7.29	8.63	9.66	12.6	MEAN

LOCATION - LAT 44 56 26 N
LONG 76 43 36 W

DRAINAGE AREA, 1 040 km²
REGULATED

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO. 02KF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1919	---	---	---	---	1919
1920	---	21.7 ON AUG 12	3.45E ON DEC 12	271 000	1920
1921	---	44.7 ON APR 26	3.45 ON OCT 29	385 000	1921
1922	---	103 ON APR 22 *	3.45 ON FEB 2	405 000	1922
1923	---	38.2 ON MAY 22	3.45 ON FEB 24	276 000	1923
1924	---	71.4 ON MAY 2	3.48 ON JUL 11	384 000	1924
1925	---	44.2 ON APR 19	3.17 ON MAR 19	357 000	1925
1926	---	58.9E ON MAY 9	3.51 ON AUG 31	452 000	1926
1927	---	34.8E ON DEC 14	4.76 ON NOV 13	475 000	1927
1928	---	87.8 ON APR 14	6.52 ON JUL 5	751 000	1928
1929	---	74.8 ON APR 14	2.18 ON DEC 6	857 000	1929
1930	---	28.0 ON MAY 7	3.54 ON DEC 10	296 000	1930
1931	---	17.4 ON SEP 27	1.73 ON APR 22	218 000	1931
1932	---	49.8 ON APR 26	3.17 ON JUN 12	426 000	1932
1933	---	63.7 ON APR 15	3.00 ON JUL 21	464 000	1933
1934	---	41.3 ON MAY 6	2.49 ON DEC 7	301 000	1934
1935	---	21.1 ON MAR 31	4.05 ON OCT 24	282 000	1935
1936	---	68.2 ON APR 23	3.37 ON OCT 26	495 000	1936
1937	---	55.6 ON MAY 9	4.45 ON SEP 25	520 000	1937
1938	---	40.8 ON APR 15	3.09 ON DEC 10	392 000	1938
1939	---	35.1 ON MAY 15	3.03 ON JUN 24	287 000	1939
1940	---	58.9 ON JUN 3	3.74 ON APR 18	364 000	1940
1941	---	23.6 ON FEB 27	1.95 ON AUG 30	259 000	1941
1942	---	38.8 ON APR 21	3.94 ON MAY 21	420 000	1942
1943	---	83.4 ON MAY 4	3.84 ON NOV 1	614 000	1943
1944	---	19.1 ON MAY 22	1.69 ON DEC 24 *	230 000	1944
1945	---	35.4 ON MAY 19	2.88 ON AUG 3	352 000	1945
1946	---	23.8 ON APR 6	3.84 ON APR 30	284 000	1946
1947	---	57.8 ON APR 26	4.33 ON AUG 24	451 000	1947
1948	---	53.2 ON MAY 27	2.36 ON APR 28	382 000	1948
1949	---	34.0 ON MAY 1	3.17 ON JUN 10	336 000	1949
1950	---	43.9 ON MAY 1	3.37 ON JUL 3	434 000	1950
1951	---	83.3 ON APR 19	3.45 ON MAY 27	488 000	1951
1952	---	53.5E ON APR 21	3.08E ON JUL 13	393 000	1952
1953	---	28.9E ON MAY 6	1.95E ON APR 14	310 000	1953
1954	---	32.3E ON APR 20	3.62E ON JUN 15	420 000	1954
1955	---	49.3 ON APR 27	3.82 ON JUL 23	482 000	1955
1956	---	46.4 ON MAY 9	4.22 ON SEP 28	427 000	1956
1957	---	18.8 ON FEB 27	9.32 ON MAR 23	---	1957
				389 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.81	9.33	---	7.18	8.28	---	1915
1916	10.2	12.1	11.5	81.8	48.5	47.1	30.6	11.9	8.11	7.86	4.18	2.68	21.4	1916
1917	3.03	4.84	10.8	40.4	31.9	13.1	9.93	8.81	7.08	6.33	7.31	8.24	12.5	1917
1918	7.44	8.91	12.8	52.3	24.9	8.83	10.8	10.5	12.7	8.28	8.32	15.7	15.3	1918
1919	15.3	8.85	24.0	46.8	90.5	37.5	10.5	9.27	7.31	---	---	---	---	1919
MEAN	8.99	8.85	14.7	50.5	41.5	26.7	15.5	9.85	8.50	7.49	6.89	8.22	15.4	MEAN

LOCATION - LAT 44 55 26 N, LONG 78 41 16 W
DRAINAGE AREA, 1 280 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "MISSISSIPPI RIVER NEAR SNOW ROAD"

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	83.3 ON APR 26	2.07 ON DEC 29	677 000	1916
1917	---	58.3 ON APR 28	2.04 ON JAN 1 *	384 000	1917
1918	---	71.5 ON APR 8	5.97 ON JAN 28	482 000	1918
1919	---	98.8 ON MAY 27 *	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		518 000	MEAN

MOIRA RIVER AT TWEED - STATION NO. 02HL101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	6.74	---	---	1968
1969	---	---	---	---	76.5	17.8	6.27	3.88	3.18	1.88	5.89	---	---	1969
1970	---	---	---	73.8	31.8	10.5	5.44	3.55	2.82	1.84	10.3	32.3	---	1970
1971	---	---	---	124	34.0	8.13	2.89	2.50	2.81	3.52	4.05	18.4	---	1971
1972	16.7	13.2	13.8	125	80.8	14.7	15.7	10.6	4.00	6.80	26.5	28.5	28.1	1972
1973	38.0	32.1	137	75.6	26.1	5.86	2.45	2.32	1.89	1.23	6.08	19.3	29.4	1973
1974	28.8	22.2	64.4	110	88.4	14.3	4.85	2.38	2.58	4.01	11.7	15.8	28.1	1974
1975	17.4	15.4	82.1	114	37.9	7.04	1.39	1.34	0.901	0.721	1.30	8.30	22.1	1975
1976	---	---	101	127	21.5	5.78	2.27	2.20	2.01	2.83	4.37	---	---	1976
1977	---	---	---	41.2	10.3	2.81	1.50	---	---	---	---	---	---	1977
MEAN	28.4	20.7	73.7	88.8	40.6	9.78	4.82	3.45	2.43	2.88	8.75	20.1	26.8	MEAN

LOCATION - LAT 44 28 18 N, LONG 77 19 11 W
DRAINAGE AREA, 1 770 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER AT TWEED - STATION NO. 02HL101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	112 AT 01:00 EST ON APR 18	---	---	---	1970
1971	---	---	---	---	1971
1972	277E AT 12:30 EST ON APR 20	275E ON APR 20	2.14 ON SEP 28	868 000	1972
1973	309 AT 11:01 EST ON MAR 19	303 ON MAR 19	1.83 ON OCT 12	925 000	1973
1974	244 AT 04:30 EST ON APR 8	235 ON APR 6	1.80 ON AUG 22	888 000	1974
1975	284 AT 18:00 EST ON APR 21	281 ON APR 22	0.841 ON OCT 11 *	687 000	1975
1976	439 AT 23:45 EST ON APR 22 *	430 ON APR 2 *	1.18 ON OCT 6	---	1976
1977	---	200 ON MAR 18	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		849 000	MEAN

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.312	3.46	8.75	8.04	---	1965
1966	3.64	2.11	9.85	8.22	4.20	1.38	0.080	0.017	0.018	0.018	2.74	11.1	3.47	1966
1967	2.36	2.76	3.17	13.7	4.82	1.92	1.71	0.292	0.288	5.32	8.10	5.78	4.26	1967
1968	2.39	3.40	8.59	7.67	2.16	2.31	1.04	0.169	0.272	0.280	1.38	2.88	2.72	1968
1969	2.93	4.12	8.09	14.5	11.4	2.61	1.08	0.414	0.085	0.248	1.81	2.44	3.95	1969
1970	0.861	1.03	1.28	13.4	5.40	0.882	1.34	0.220	0.045	0.241	2.70	3.47	2.58	1970
1971	1.60	1.41	2.82	19.8	4.90	0.503	0.087	0.019	0.041	0.138	0.589	3.53	2.84	1971
1972	2.32	1.72	1.77	16.5	10.5	2.45	2.75	1.37	0.388	1.38	5.34	4.85	4.44	1972
1973	7.04	4.45	18.0	10.3	3.42	1.20	0.184	0.043	0.011	0.087	1.42	2.88	4.09	1973
1974	4.58	3.34	5.68	16.8	10.4	2.10	0.440	0.145	0.159	1.10	3.15	2.73	4.21	1974
1975	3.43	2.58	8.82	17.6	5.80	0.984	0.083	0.041	0.027	0.044	0.149	1.98	3.48	1975
1976	1.41	2.56	13.0	16.9	3.91	0.543	0.300	0.078	0.089	0.183	0.488	0.792	2.35	1976
1977	0.415	0.387	10.3	7.77	1.44	0.113	0.050	0.048	0.068	0.884	3.17	5.88	2.54	1977
1978	5.88	3.84	3.57	21.3	6.88	0.807	0.052	0.028	0.183	0.814	2.46	2.47	3.96	1978
1979	3.27	1.94	14.3	17.5	5.74	1.84	0.125	0.131	0.081	0.453	2.34	5.83	4.43	1979
1980	3.83	0.884	10.2	12.9	4.74	0.725	0.314	0.248	0.103	0.915	2.85	3.81	3.43	1980
1981	1.18	16.5	6.91	8.56	3.13	2.45	0.880	0.285	3.76	4.04	5.32	2.80	4.37	1981
1982	1.26	0.814	2.64	19.3	3.71	1.72	0.202	0.135	0.118	0.350	4.63	10.6	3.76	1982
1983	5.11	4.25	8.00	9.82	11.6	2.16	0.139	0.060	0.044	0.075	0.883	2.70	3.73	1983
1984	1.12	6.90	6.20	18.6	7.22	0.848	0.152	0.209	0.157	0.076	1.06	2.61	3.81	1984
1985	2.76	3.81	11.4	16.6	3.30	1.42	0.451	0.086	2.21	1.22	7.96	4.85	4.82	1985
1986	2.78	2.05	9.58	10.1	3.44	8.02	0.979	1.03	4.10	8.40	3.19	3.04	4.56	1986
1987	1.84	1.25	6.96	15.8	1.44	0.888	0.282	0.014	0.054	0.499	2.58	7.09	3.21	1987
1988	2.38	3.92	5.15	12.9	3.23	0.278	0.048	0.014	0.035	0.130	2.08	1.54	2.52	1988
MEAN	2.78	3.29	7.68	14.2	5.33	1.56	0.546	0.221	0.525	1.30	3.02	4.29	3.68	MEAN

LOCATION - LAT 44 30 00 N DRAINAGE AREA, 308 km²
LONG 77 37 03 W NATURAL FLOW

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	27.0 AT 23:59 EST ON DEC 10	26.4 ON DEC 10	0.008 ON AUG 18	108 000	1966
1967	26.3 AT 03:30 EST ON APR 5	25.2 ON APR 4	0.084 ON SEP 26	134 000	1967
1968	25.6 AT 02:30 EST ON MAR 31	25.3 ON MAR 31	0.088 ON AUG 18	85 300	1968
1969	34.3 AT 05:40 EST ON MAY 20	32.6 ON MAY 20	0.034 ON OCT 6	125 000	1969
1970	22.6 AT 19:19 EST ON APR 18	22.4 ON APR 18	0.024 ON SEP 20	81 400	1970
1971	30.9 AT 03:50 EST ON APR 21	30.6 ON APR 21	0.008 ON AUG 25	92 700	1971
1972	40.5 AT 05:32 EST ON APR 20	40.2 ON APR 20	0.178 ON SEP 16	140 000	1972
1973	38.8 AT 23:30 EST ON MAR 18	37.1 ON MAR 18	0.007 ON SEP 14	129 000	1973
1974	31.4 AT 15:17 EST ON APR 17	31.4 ON APR 17	0.082 ON AUG 25	133 000	1974
1975	42.8 AT 22:03 EST ON APR 20	41.9 ON APR 21	0.018 ON SEP 11	109 000	1975
1976	50.4 AT 22:16 EST ON APR 2	49.6 ON APR 2	0.048E ON AUG 25	108 000	1976
1977	28.2B AT 23:50 EST ON MAR 16	27.78 ON MAR 16	0.028E ON AUG 1	80 000	1977
1978	40.2 AT 01:55 EST ON APR 22	39.8 ON APR 22	0.011E ON AUG 16	125 000	1978
1979	43.5 AT 03:49 EST ON MAR 26	42.8 ON MAR 26	0.010E ON SEP 26	140 000	1979
1980	---	46.0B ON MAR 22	0.038E ON SEP 26	109 000	1980
1981	52.8 AT 00:52 EST ON FEB 25 *	51.6 ON FEB 25 *	0.094 ON SEP 1	138 000	1981
1982	34.0 AT 09:58 EST ON APR 21	33.7 ON APR 21	0.033 ON AUG 18	119 000	1982
1983	21.7 AT 18:17 EST ON MAY 6	21.5 ON MAY 6	0.023 ON JUL 28	118 000	1983
1984	42.8 AT 11:42 EST ON APR 7	42.3 ON APR 7	0.053 ON AUG 4	121 000	1984
1985	25.6 AT 13:03 EST ON APR 20	25.2 ON APR 20	0.038 ON AUG 8	146 000	1985
1986	26.6 AT 04:48 EST ON APR 2	26.5 ON APR 1	0.167 ON JUL 25	144 000	1986
1987	41.3 AT 03:23 EST ON APR 2	39.7 ON APR 7	0.008 ON AUG 21	101 000	1987
1988	---	29.5B ON APR 6	0.005 ON AUG 22 *	83 000	1988
				118 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	9.37	11.6	14.2	---	1915
1916	32.8	56.3	29.0	183	69.3	107	32.5	7.47	3.86	3.07	4.40	10.1	42.9	1916
1917	9.62	7.53	84.4	133	38.4	21.7	10.6	3.82	1.79	3.88	18.5	6.25	25.7	1917
1918	2.05	4.22	86.8	130	37.1	17.4	11.5	4.57	8.38	15.8	38.3	80.4	32.1	1918
1919	38.3	14.2	78.0	100	101	39.6	8.48	3.48	1.45	1.61	22.0	19.5	35.6	1919
1920	5.45	4.80	86.5	78.7	33.4	8.03	6.50	2.79	0.942	1.55	4.47	20.2	19.2	1920
1921	19.2	9.50	110	74.8	31.2	8.80	3.57	1.85	1.67	4.10	9.47	19.8	24.7	1921
1922	9.04	8.85	84.7	158	49.1	17.8	5.30	2.64	1.22	0.929	1.14	1.05	26.3	1922
1923	1.14	1.63	6.88	97.2	54.2	42.1	7.63	1.58	1.31	2.12	2.26	22.5	20.0	1923
1924	23.8	28.1	52.2	108	58.4	22.4	5.83	3.47	2.88	10.4	5.63	7.28	27.0	1924
1925	3.31	19.6	86.3	93.2	30.6	15.6	7.00	4.38	4.36	7.78	53.9	42.8	31.4	1925
1926	18.8	13.2	23.3	146	75.8	22.7	7.88	4.56	6.34	16.1	82.4	41.7	38.1	1926
1927	16.4	20.1	106	80.9	38.8	32.8	21.5	14.5	5.57	8.57	35.8	81.2	37.1	1927
1928	45.9	23.8	71.5	170	51.5	27.2	23.3	38.4	15.5	88.7	70.9	54.3	55.2	1928
1929	82.7	27.6	121	131	95.5	23.5	7.24	3.90	3.20	2.40	5.33	4.25	40.6	1929
1930	42.2	31.4	88.7	97.2	48.3	16.4	8.73	2.78	2.43	2.62	1.89	1.59	26.6	1930
1931	1.08	1.08	8.58	57.7	36.9	18.5	6.00	3.37	2.77	3.36	10.6	27.2	14.6	1931
1932	78.4	82.0	32.0	147	46.2	11.8	5.11	4.66	2.38	5.38	34.7	44.2	39.2	1932
1933	36.5	20.0	20.0	178	56.9	12.3	3.45	1.53	1.11	1.02	1.28	4.67	27.7	1933
1934	6.88	4.62	34.9	162	38.0	14.1	6.85	1.89	2.60	2.07	3.48	14.1	24.2	1934
1935	14.7	11.1	71.5	89.4	26.0	30.4	22.1	7.63	2.74	2.07	18.8	27.8	24.6	1935
1936	10.9	9.09	145	163	49.2	13.3	3.68	1.73	1.56	5.89	26.1	13.8	36.9	1936
1937	105	48.7	24.4	107	94.3	23.2	8.98	4.06	2.73	3.39	32.5	20.3	39.3	1937
1938	12.0	47.6	96.2	87.5	31.1	12.1	4.40	3.60	3.81	5.21	5.33	5.78	26.0	1938
1939	7.85	6.26	10.3	155	75.8	15.5	5.51	5.92	3.52	4.32	6.57	5.80	25.0	1939
1940	3.57	1.61	2.78	144	92.0	58.5	13.2	4.89	3.17	2.78	8.45	23.5	30.8	1940
1941	47.6	13.8	15.7	87.2	15.3	3.86	3.08	1.78	1.18	1.87	18.0	29.1	19.8	1941
1942	29.4	12.2	96.3	73.3	40.9	31.2	6.41	2.05	2.57	3.33	35.7	21.4	29.7	1942
1943	18.4	23.3	78.8	149	156	42.3	7.83	3.47	1.37	2.85	8.81	8.45	41.6	1943
1944	3.07	3.13	14.4	71.6	62.2	16.0	8.45	2.86	1.94	1.85	1.14	2.82	15.8	1944
1945	3.15	3.17	75.4	77.2	70.6	50.2	22.4	9.85	8.17	47.3	30.5	20.5	35.1	1945
1946	24.1	15.3	94.8	41.0	22.2	14.3	4.08	2.08	1.63	1.81	6.89	23.8	21.1	1946
1947	28.1	36.1	43.3	185	76.2	72.6	26.0	20.5	5.37	4.00	4.72	8.48	42.4	1947
1948	7.68	8.10	111	115	86.9	27.0	9.80	3.60	1.82	1.82	4.88	9.54	30.7	1948
1949	20.7	28.5	58.8	118	34.3	7.24	3.42	2.21	1.94	2.33	3.61	39.4	26.7	1949
1950	84.8	33.0	39.0	157	36.4	13.4	4.53	2.80	2.46	1.90	4.27	20.8	33.4	1950
1951	33.8	28.8	82.2	170	57.7	16.5	19.5	5.72	8.11	7.45	38.2	40.3	41.9	1951
1952	40.2	45.4	84.8	167	44.0	21.7	4.83	3.20	2.74	2.05	2.20	16.8	33.5	1952
1953	14.2	15.8	51.8	70.4	54.0	23.5	11.2	8.88	4.26	4.07	6.29	21.2	23.6	1953
1954	13.3	26.9	77.8	128	48.4	11.9	3.71	2.67	5.25	21.6	35.1	32.2	33.7	1954
1955	26.4	14.0	68.0	137	31.8	11.1	3.85	2.34	2.10	82.7	52.8	18.8	35.5	1955
1956	13.5	7.22	13.1	141	102	59.1	9.35	5.51	6.81	3.68	4.87	15.6	31.8	1956
1957	18.4	22.0	48.4	85.8	33.2	14.0	9.30	2.89	2.83	3.23	7.77	43.4	22.8	1957
1958	32.3	12.7	34.5	88.7	35.8	9.37	3.35	1.81	3.06	1.86	3.88	7.10	19.5	1958
1959	8.07	8.05	22.8	149	42.5	7.87	4.45	1.78	1.82	3.21	16.2	28.9	24.2	1959
1960	14.8	25.2	22.5	218	68.8	19.8	6.31	3.06	0.859	0.795	1.58	2.07	31.6	1960
1961	1.81	4.94	21.3	86.2	61.9	28.9	8.05	4.93	3.76	3.03	3.55	11.2	18.3	1961
1962	7.05	5.32	30.6	102	28.8	8.23	2.70	2.38	2.11	3.86	23.5	23.4	19.9	1962
1963	12.0	8.81	28.7	82.7	45.0	13.4	2.85	2.21	2.13	1.83	7.71	18.1	19.5	1963
1964	18.8	18.5	44.3	87.7	42.8	11.7	2.70	1.31	1.87	1.82	2.05	8.81	18.5	1964
1965	13.9	28.8	35.8	119	48.4	8.16	3.41	1.83	4.07	22.4	48.7	83.4	32.7	1965
1966	37.3	19.7	80.8	48.7	27.0	18.8	1.89	1.23	1.48	1.52	20.3	86.1	28.7	1966
1967	29.1	29.1	27.9	105	40.1	15.6	18.1	4.33	4.24	27.2	64.4	46.0	34.1	1967
1968	28.4	31.1	85.0	88.1	20.8	24.7	15.8	3.58	3.68	4.58	13.1	28.6	28.1	1968
1969	21.6	32.8	54.4	113	87.5	29.1	10.1	6.88	3.17	3.14	12.3	21.7	33.8	1969
1970	10.8	14.1	24.0	103	48.8	14.0	8.24	3.32	3.12	3.68	18.0	27.5	23.2	1970
1971	18.7	19.7	32.7	157	50.8	8.32	3.15	2.12	3.47	4.73	6.18	26.6	27.7	1971
1972	24.1	18.0	22.0	151	61.7	23.8	21.1	18.8	6.58	13.6	44.8	44.2	36.9	1972
1973	54.4	46.0	143	89.6	38.2	12.7	2.88	2.35	1.88	1.89	8.71	19.4	36.9	1973
1974	31.3	32.8	73.4	127	82.8	18.7	6.57	2.75	2.48	4.74	11.8	19.8	34.5	1974
1975	24.0	19.9	76.4	118	51.4	11.2	1.87	1.54	1.77	1.50	3.04	14.1	27.0	1975
1976	15.3	32.2	115	144	33.5	9.96	4.01	2.54	2.20	4.24	6.74	7.73	31.3	1976
1977	7.83	8.05	83.4	84.7	16.9	3.81	1.68	2.80	2.71	8.86	19.2	48.4	23.3	1977
1978	51.7	41.7	40.9	163	56.5	9.14	2.02	1.75	1.80	2.83	11.6	19.9	33.4	1978
1979	27.5	30.8	117	131	44.5	18.2	1.93	1.40	1.28	5.08	15.7	41.7	35.3	1979
1980	42.8	13.0	82.0	96.8	44.5	13.1	5.55	3.19	3.53	7.47	20.6	34.9	30.7	1980
1981	14.0	108	85.9	42.2	28.4	23.3	12.0	8.70	43.8	27.6	48.0	26.8	38.4	1981
1982	19.7	14.1	34.3	148	40.9	21.5	5.99	3.68	4.14	8.25	25.3	68.8	32.7	1982
1983	52.1	38.1	56.9	72.2	76.4	22.5	3.23	2.09	1.25	2.88	8.71	39.1	31.8	1983
1984	20.8	76.7	67.9	148	85.8	17.0	7.38	6.94	5.69	2.88	9.88	18.8	37.1	1984
1985	32.1	28.1	108	112	31.2	10.4	4.26	2.29	15.8	12.0	63.9	40.8	38.2	1985
1986	34.3	28.8	89.0	80.4	28.4	29.9	11.0	13.8	28.1	83.2	30.7	38.4	37.8	1986
1987	26.8	17.0	55.5	140	19.0	8.45	3.80	1.28	2.82	4.98	17.7	58.8	28.7	1987
1988	29.1	35.4	54.1	103	26.0	5.09	1.32	1.15	1.82	4.80	12.7	15.0	24.0	1988
MEAN	24.6	22.6	58.9	115	51.2	21.3	8.00	4.63	4.29	8.45	18.6	25.8	30.2	MEAN

LOCATION - LAT 44 15 14 N DRAINAGE AREA, 2 620 km²
LONG 77 25 10 W REGULATED

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	237 ON APR 5	2.24 ON OCT 8	1 360 000	1916
1917	---	284 ON MAR 30	1.80 ON OCT 7	811 000	1917
1918	---	243 ON APR 3	1.76 ON FEB 5	1 010 000	1918
1919	---	186 ON MAY 28	0.589 ON SEP 20	1 120 000	1919
1920	---	202 ON MAR 28	0.425 ON SEP 8 *	808 000	1920
1921	---	178 ON MAR 23	1.30 ON AUG 5	777 000	1921
1922	---	231 ON APR 20	0.623 ON OCT 23	828 000	1922
1923	---	184 ON APR 12	0.851 ON OCT 10	831 000	1923
1924	---	162 ON APR 10	2.21 ON SEP 24	855 000	1924
1925	---	183 ON MAR 30	1.70 ON AUG 30	880 000	1925
1926	---	250 ON APR 28	3.77 ON AUG 21	1 200 000	1926
1927	---	237 ON MAR 20	4.50 ON SEP 15	1 170 000	1927
1928	---	311 ON APR 9	10.3 ON SEP 9	1 740 000	1928
1929	---	235 ON MAR 24	1.47 ON OCT 20	1 290 000	1929
1930	---	157 ON APR 10	1.47 ON NOV 28	839 000	1930
1931	---	73.6 ON APR 6	1.08 B ON JAN 1	487 000	1931
1932	---	237 ON APR 14	1.50 ON SEP 14	1 240 000	1932
1933	---	218 ON APR 9	0.510 ON OCT 15	873 000	1933
1934	---	223 ON APR 14	1.56 ON AUG 23	782 000	1934
1935	---	148 ON MAR 28	1.56 ON OCT 20	776 000	1935
1936	---	351 ON MAR 31	1.05 ON SEP 7	1 170 000	1936
1937	---	189 ON JAN 17	1.56 ON OCT 17	1 240 000	1937
1938	---	272 ON MAR 25	1.85 ON SEP 10	821 000	1938
1939	---	281 ON APR 24	2.35 ON SEP 25	788 000	1939
1940	---	235 ON APR 21	1.81 B ON FEB 1	884 000	1940
1941	---	125 ON APR 8	0.595 ON SEP 24	628 000	1941
1942	---	186 ON MAR 21	0.863 ON SEP 7	838 000	1942
1943	---	218 ON APR 4	0.708 ON OCT 11	1 310 000	1943
1944	---	114 ON APR 28	0.821 ON NOV 2	489 000	1944
1945	---	185 ON MAR 22	2.72 ON SEP 13	1 110 000	1945
1946	---	158 ON MAR 18	1.22 ON OCT 7	885 000	1946
1947	---	292 ON APR 10	3.03 ON OCT 28	1 340 000	1947
1948	---	314 ON MAR 25	1.27 ON SEP 24	870 000	1948
1949	---	189 ON MAR 31	1.36 ON SEP 25	841 000	1949
1950	---	267 ON APR 8	1.23 ON OCT 30	1 050 000	1950
1951	---	238 ON APR 3	4.36 ON AUG 30	1 320 000	1951
1952	---	292 ON APR 8	1.23 ON NOV 2	1 080 000	1952
1953	---	143 ON MAR 30	2.74 ON SEP 19	762 000	1953
1954	---	196 ON APR 20	1.80 ON AUG 22	1 060 000	1954
1955	---	204 ON APR 7	1.10 ON SEP 10	1 120 000	1955
1956	---	197 ON APR 8	3.17 ON OCT 28	1 010 000	1956
1957	114 AT 19:00 EST ON DEC 27	113 ON DEC 27	1.42 ON SEP 1	713 000	1957
1958	140 AT 15:00 EST ON APR 3	140 ON APR 3	1.18 ON AUG 24	815 000	1958
1959	249 AT 08:00 EST ON APR 9	247 ON APR 9	1.22 ON SEP 30	784 000	1959
1960	288 AT 05:00 EST ON APR 9	288 ON APR 9	0.481 ON SEP 28	1 000 000	1960
1961	83.3 AT 12:00 EST ON MAY 22	82.4 ON APR 20	0.9488 ON FEB 14	578 000	1961
1962	188 AT 01:00 EST ON APR 2	185 ON APR 2	1.14 ON SEP 9	828 000	1962
1963	214 AT 22:00 EST ON APR 2	212 ON APR 2	1.26 ON OCT 30	817 000	1963
1964	92.9 AT 07:00 EST ON APR 17	92.0 ON APR 17	0.442 ON SEP 3	388 000	1964
1965	221 AT 01:00 EST ON APR 16	218 ON APR 16	1.18 ON AUG 1	1 030 000	1965
1966	183 AT 22:30 EST ON DEC 12	180 ON DEC 12	0.470 ON AUG 1	808 000	1966
1967	187 AT 20:00 EST ON APR 5	185 ON APR 5	2.21 ON SEP 15	1 070 000	1967
1968	154 AT 14:00 EST ON MAR 31	152 ON MAR 31	2.28 ON SEP 15	784 000	1968
1969	193 AT 09:47 EST ON MAY 22	191 ON MAY 22	1.41 ON SEP 12	1 070 000	1969
1970	128 AT 03:46 EST ON APR 13	128 ON APR 13	1.53 ON SEP 15	733 000	1970
1971	250 AT 11:45 EST ON APR 16	249 ON APR 16	1.14 ON AUG 13	873 000	1971
1972	266 AT 08:11 EST ON APR 21	263 ON APR 21	3.45 ON SEP 28	1 230 000	1972
1973	253 AT 15:30 EST ON MAR 20	251 ON MAR 20	1.04 ON OCT 12	1 100 000	1973
1974	215 AT 03:57 EST ON APR 8	212 ON APR 7	1.53 ON AUG 23	1 090 000	1974
1975	220 AT 06:47 EST ON APR 23	218 ON APR 23	0.874 ON JUL 18	852 000	1975
1976	343 AT 22:04 EST ON APR 3	343 ON APR 3	1.81 ON AUG 29	880 000	1976
1977	206 AT 23:55 EST ON MAR 17	204 ON MAR 18	1.04 ON JUL 28	736 000	1977
1978	214 AT 01:25 EST ON APR 24	213 ON APR 24	1.20 ON AUG 23	1 050 000	1978
1979	233 AT 00:42 EST ON MAR 28	229 ON MAR 28	0.832 ON SEP 12	1 110 000	1979
1980	312 AT 14:27 EST ON MAR 24	306 ON MAR 24	2.32 ON AUG 27	871 000	1980
1981	366 AT 15:25 EST ON FEB 26 *	364 ON FEB 26 *	3.01 ON JUL 28	1 210 000	1981
1982	199 AT 21:45 EST ON APR 23	197 ON APR 23	2.42 ON OCT 14	1 030 000	1982
1983	112 AT 10:55 EST ON MAY 8	111 ON MAY 7	0.625 ON SEP 15	898 000	1983
1984	248 AT 07:16 EST ON APR 9	247 ON APR 9	2.16 ON OCT 20	1 170 000	1984
1985	170 AT 00:39 EST ON MAR 17	169 ON MAR 16	1.73 ON AUG 14	1 200 000	1985
1986	187 AT 10:32 EST ON MAR 31	187 ON MAR 31	2.64 ON JUL 20	1 200 000	1986
1987	288 AT 07:34 EST ON APR 8	286 ON APR 8	0.656 ON AUG 28	838 000	1987
1988	---	210 ON MAR 30	0.595 ON AUG 21	780 000	1988
				854 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	42.4	96.7	88.8	22.0	8.47	4.25	1.77	1.77	8.84	15.8	---	1969
1970	---	---	---	88.0	40.3	10.3	5.88	2.37	2.18	2.88	11.1	30.3	---	1970
MEAN	---	---	42.4	93.4	63.5	16.2	6.18	3.33	1.98	2.18	8.97	23.1	---	MEAN

LOCATION - LAT 44 24 27 N
LONG 77 18 35 W

DRAINAGE AREA, 2 210 km^2
REGULATED

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	116 AT 04:00 EST ON APR 18 *	114 ON APR 17 *	---	---	1970
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	73.5	83.8	43.3	30.5	---	---	70.8	57.6	---	1915
1916	23.0	19.2	18.6	116	180	78.2	31.0	22.9	29.6	38.6	62.3	42.6	53.7	1916
1917	28.1	16.2	10.4	26.2	84.7	104	70.6	36.6	36.1	38.8	26.2	18.9	41.3	1917
1918	---	---	---	41.7	133	135	76.9	35.1	48.9	86.0	71.2	44.8	---	1918
1919	32.8	28.4	32.0	86.0	102	38.1	20.7	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	8.81	11.6	11.4	11.2	11.7	---	1920
1921	11.1	11.2	11.8	---	---	36.3	10.1	6.43	6.96	16.5	14.8	14.8	---	1921
1922	14.8	---	---	---	211	31.5	47.2	19.5	9.51	12.9	16.9	---	---	1922
1923	---	---	---	83.1	167	33.8	19.1	---	---	---	---	---	---	1923
1930	---	---	---	---	---	---	82.5	13.3	12.6	27.2	28.5	15.0	---	1930
1931	8.81	8.21	8.52	89.0	87.8	28.7	10.9	5.07	26.8	53.0	87.0	85.0	37.5	1931
1932	34.1	22.3	16.9	88.7	127	29.6	14.4	11.4	10.3	26.4	39.0	22.0	35.3	1932
1933	18.5	10.1	8.17	100	177	48.2	16.3	6.12	4.81	21.7	36.1	14.2	38.5	1933
1934	9.87	9.23	7.38	15.8	183	37.1	11.7	---	---	---	---	52.8	---	1934
1935	19.1	10.6	10.3	88.7	117	88.0	48.8	17.1	14.5	---	---	---	---	1935
MEAN	19.5	16.2	14.0	85.8	134	57.9	34.5	17.7	19.3	31.3	43.1	32.5	41.3	MEAN

LOCATION - LAT 47 18 30 N, LONG 84 26 00 W
DRAINAGE AREA, 2 850 km^2
NATURAL FLOW

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	348E ON APR 28	8.71 ON AUG 7	1 700 000	1916
1917	---	148 ON JUN 5	5.85E ON MAR 3	1 300 000	1917
1918	---	242 ON JUN 3	---	---	1918
1919	---	---	---	---	1919
1920	---	---	---	---	1920
1921	---	---	3.06E ON AUG 30 *	---	1921
1922	---	---	8.82 ON SEP 30	---	1922
1923	---	314 ON MAY 3	---	---	1923
1930	---	---	---	---	1930
1931	---	189 ON JUN 28	---	---	1931
1932	---	184E ON NOV 27	4.28E ON AUG 20	1 180 000	1932
1933	---	185 ON MAY 3	8.13 ON SEP 20	1 120 000	1933
1934	---	241 ON MAY 3	3.68 ON SEP 16	1 210 000	1934
1935	---	348 ON MAY 5 *	---	---	1935
		217 ON APR 30	---	---	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 300 000	MEAN

E - ESTIMATED

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	44.7	85.7	49.0	---	1937
1938	22.8	22.9	31.8	174	148	78.8	30.2	25.4	21.4	18.9	22.7	22.7	51.7	1938
1939	22.5	21.3	18.9	31.8	182	120	71.9	23.4	20.8	31.5	38.5	23.7	50.9	1939
1940	23.1	17.8	15.8	20.4	118	117	64.0	25.7	25.7	26.4	38.7	32.8	43.8	1940
1941	23.4	21.1	18.7	128	123	48.5	72.0	51.0	74.1	123	120	77.4	73.4	1941
1942	42.7	25.1	25.0	110	102	45.9	27.1	17.8	16.5	17.2	22.7	22.8	38.5	1942
1943	20.8	16.8	17.1	36.7	120	78.0	45.7	20.6	21.1	18.5	24.7	21.4	37.1	1943
1944	18.1	17.0	17.8	38.3	120	80.9	25.1	20.3	21.4	23.3	24.7	22.1	33.4	1944
1945	20.2	16.8	32.8	132	111	135	35.7	20.4	19.8	25.0	41.8	25.1	50.4	1945
1946	23.8	20.8	43.6	73.8	78.3	81.8	38.8	22.9	22.5	21.9	33.2	45.4	38.5	1946
1947	25.1	20.2	22.0	49.8	230	208	61.7	30.0	21.3	16.8	15.7	10.8	68.4	1947
1948	12.0	11.3	12.8	84.2	108	42.0	32.8	27.5	22.8	15.5	15.0	24.8	32.2	1948
1949	23.7	24.4	26.8	100	148	72.8	57.2	19.8	18.7	18.3	12.4	14.2	44.7	1949
1950	15.4	15.4	15.3	29.8	181	83.2	44.8	22.7	22.1	19.2	18.2	20.1	60.8	1950
1951	19.1	20.2	23.3	167	128	83.3	52.0	40.1	38.3	89.3	86.7	80.1	67.7	1951
1952	29.8	26.2	24.0	84.2	120	56.9	27.1	22.2	18.8	18.8	23.2	26.3	39.8	1952
1953	23.0	21.7	33.3	143	133	82.0	33.8	27.8	20.3	15.1	17.6	21.8	48.2	1953
1954	22.1	20.7	33.1	108	147	81.8	48.7	23.6	21.1	83.8	77.2	40.1	59.8	1954
1955	26.0	23.1	15.1	88.8	74.2	38.8	22.6	18.4	8.78	18.8	38.8	31.7	33.8	1955
1956	23.4	18.2	18.4	38.2	173	81.0	48.3	36.0	32.1	41.8	28.8	20.4	47.4	1956
1957	20.5	16.4	25.8	80.0	88.8	---	---	---	---	---	---	---	---	1957
MEAN	22.8	20.0	23.7	84.2	132	80.7	43.8	26.0	24.7	35.0	38.3	30.8	48.8	MEAN

LOCATION - LAT 47 43 33 N, LONG 80 18 28 W
DRAINAGE AREA, 4 120 km^2
REGULATED

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	281 ON MAY 1	18.0 ON OCT 25	1 830 000	1938
1939	---	250 ON MAY 11	16.8 ON MAR 28	1 610 000	1939
1940	---	188 ON MAY 26	14.1 ON APR 14	1 280 000	1940
1941	---	262 ON APR 22	18.7 B ON MAR 1	2 310 000	1941
1942	---	197 ON APR 27	14.9 ON AUG 27	1 260 000	1942
1943	---	176 ON MAY 5	15.7 ON MAR 25	1 170 000	1943
1944	---	182 ON MAY 3	15.0 ON FEB 20	1 080 000	1944
1945	---	287 ON MAY 30 *	16.3 ON FEB 5	1 590 000	1945
1946	---	150 ON MAY 29	17.6 ON FEB 28	1 250 000	1946
1947	---	284 ON MAY 18	8.30 ON NOV 30	1 870 000	1947
1948	---	152 ON APR 28	7.62 ON FEB 18	1 020 000	1948
1949	---	212 ON MAY 2	11.7 ON NOV 9	1 410 000	1949
1950	---	244 ON MAY 13	12.9 ON JAN 2	1 290 000	1950
1951	---	274 ON APR 17	17.4 ON JAN 18	2 130 000	1951
1952	---	185 ON APR 23	14.1 ON AUG 30	1 280 000	1952
1953	---	161 ON APR 18	13.1 ON OCT 12	1 430 000	1953
1954	---	215 ON APR 24	16.3 ON SEP 16	1 880 000	1954
1955	---	189 ON APR 21	7.36 ON SEP 13 *	1 070 000	1955
1956	---	236 ON MAY 15	14.4 ON FEB 28	1 500 000	1956
1957	---	239 ON APR 28	15.6 ON FEB 8	---	1957
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 480 000	MEAN

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	34.0	19.5	32.5	21.5	20.8	18.6	---	1923
1924	18.7	17.8	16.0	37.5	84.6	36.5	18.3	15.8	16.1	18.3	16.5	20.5	26.2	1924
1925	15.4	12.9	13.8	83.2	87.5	72.8	46.2	29.4	17.9	16.6	21.4	25.6	33.6	1925
1926	16.6	16.7	16.4	15.7	89.2	74.0	56.9	31.5	18.9	18.1	24.5	27.5	34.5	1926
1927	23.8	19.7	25.3	96.0	119	81.1	31.1	20.8	23.1	26.5	32.7	38.3	42.1	1927
1928	33.6	30.8	24.9	58.4	258	103	107	46.7	84.3	138	100	63.0	86.7	1928
1929	29.5	24.6	21.2	73.5	138	98.6	61.3	28.1	30.3	60.6	57.5	32.0	53.9	1929
1930	18.7	20.2	21.8	46.1	137	105	115	39.8	24.4	22.6	24.4	22.9	50.1	1930
1931	19.8	17.1	13.8	57.6	106	58.0	28.7	19.5	20.8	27.4	48.5	---	---	1931
1932	---	---	---	59.0	88.0	28.3	20.4	23.0	30.4	66.5	85.6	38.0	---	1932
1933	28.1	21.9	22.8	86.3	110	56.2	33.6	31.9	20.6	17.1	18.7	18.7	38.0	1933
1934	18.7	18.1	16.8	26.3	178	46.5	23.0	17.4	16.9	23.9	39.0	41.3	38.2	1934
1935	19.4	15.7	17.4	42.8	83.2	40.0	33.2	19.5	12.7	18.7	20.1	19.4	28.6	1935
1936	16.4	14.7	13.3	26.0	180	58.4	26.0	17.9	15.8	14.8	16.4	19.1	35.2	1936
1937	19.0	15.6	14.2	42.3	96.4	31.1	25.7	42.1	30.4	37.5	51.3	43.8	37.5	1937
1938	21.2	21.1	25.3	138	118	63.4	27.2	23.0	17.6	15.8	17.5	20.4	42.4	1938
1939	20.4	18.3	17.8	24.5	147	88.1	80.2	21.5	19.8	28.2	32.5	20.2	41.8	1939
1940	20.7	15.7	14.2	15.3	82.8	86.4	84.7	16.0	22.3	24.3	35.0	28.8	38.2	1940
1941	20.5	18.4	17.3	108	105	45.4	60.8	45.4	83.0	98.2	88.2	83.2	62.1	1941
1942	34.3	20.4	21.1	87.5	83.1	38.5	22.1	14.2	11.8	12.5	20.2	19.1	32.2	1942
1943	16.3	14.7	13.4	25.2	88.7	68.5	40.2	18.1	16.9	17.7	19.5	19.4	31.2	1943
1944	17.1	14.4	15.6	29.5	95.8	43.2	22.8	16.7	16.6	18.1	20.5	19.4	28.0	1944
1945	16.5	14.3	25.5	103	91.2	115	34.0	16.5	16.6	22.7	36.8	22.8	43.2	1945
1946	21.8	18.7	35.5	60.1	67.2	52.8	31.4	21.0	20.6	20.2	18.7	36.8	33.9	1946
1947	20.8	16.6	20.1	38.5	188	174	52.3	27.3	20.5	18.2	13.3	8.74	51.0	1947
1948	10.5	10.2	12.1	52.5	92.8	37.5	26.8	23.7	19.6	12.4	10.3	20.1	27.8	1948
1949	19.3	20.4	23.7	77.8	125	61.4	48.0	17.5	16.5	13.7	9.81	11.6	37.3	1949
1950	12.8	12.8	13.2	21.7	151	74.3	41.6	20.7	20.4	17.1	15.5	15.8	34.9	1950
1951	16.1	15.5	20.9	144	106	54.5	44.7	33.2	32.7	85.7	82.1	51.6	57.8	1951
1952	25.2	24.7	21.6	82.6	98.8	48.7	29.7	20.7	16.6	14.5	18.0	20.0	33.5	1952
1953	20.0	20.0	27.0	114	116	48.3	30.2	26.3	15.2	12.0	14.3	17.2	36.4	1953
1954	16.5	16.0	26.6	83.5	128	74.3	42.4	23.4	19.4	87.5	85.8	32.5	50.1	1954
1955	21.5	19.2	11.6	73.7	62.3	32.8	21.5	17.4	7.66	13.2	26.3	25.4	27.9	1955
1956	19.0	16.3	16.6	28.1	144	77.6	35.9	28.2	25.4	33.2	22.9	16.2	38.9	1956
1957	15.8	13.3	23.5	---	---	---	---	---	---	---	---	---	---	1957
MEAN	20.3	18.0	19.4	81.2	117	85.3	40.6	24.5	23.4	31.2	34.0	28.6	40.5	MEAN

LOCATION - LAT 47 50 30 N, LONG 80 27 00 W. DRAINAGE AREA, 3 420 km^2. REGULATED

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	126 ON APR 30	12.7 ON JUL 28	828 000	1924
1925	---	104 ON JUN 17	12.8 B ON JAN 30	1 080 000	1925
1926	---	122 ON MAY 18	15.0 ON SEP 30	1 080 000	1926
1927	---	183 ON APR 22	14.3 ON OCT 31	1 330 000	1927
1928	---	331 ON MAY 12 *	20.7 ON MAR 17	2 740 000	1928
1929	---	181 ON MAY 2	14.4 ON SEP 5	1 700 000	1929
1930	---	187 ON MAY 8	18.7 B ON JAN 1	1 580 000	1930
1931	---	124 ON MAY 13	---	---	1931
1932	---	121 ON APR 24	---	---	1932
1933	---	188 ON APR 21	15.8 ON OCT 23	1 230 000	1933
1934	---	300 ON MAY 7	14.0 ON SEP 12	1 230 000	1934
1935	---	136 ON MAY 1	11.8 ON SEP 15	903 000	1935
1936	---	243 ON MAY 15	13.3 B ON MAR 1	1 110 000	1936
1937	---	188 ON MAY 1	14.2 B ON MAR 1	1 180 000	1937
1938	---	234 ON MAY 1	13.6 ON NOV 7	1 340 000	1938
1939	---	210 ON MAY 10	13.6 ON APR 9	1 320 000	1939
1940	---	141 ON MAY 27	12.5 ON AUG 17	1 150 000	1940
1941	---	216 ON APR 22	17.3 B ON MAR 1	1 980 000	1941
1942	---	182 ON APR 25	10.8 ON AUG 19	1 010 000	1942
1943	---	148 ON MAY 7	12.2 ON OCT 26	883 000	1943
1944	---	155 ON MAY 3	14.3 ON NOV 5	885 000	1944
1945	---	236 ON MAY 30	14.3 B ON FEB 1	1 380 000	1945
1946	---	133 ON MAY 28	13.5 ON JUL 17	1 070 000	1946
1947	---	240 ON MAY 18	4.53 ON NOV 27	1 810 000	1947
1948	---	138 ON APR 28	6.23 ON NOV 14	873 000	1948
1949	---	184 ON MAY 2	7.83 ON DEC 5	1 180 000	1949
1950	---	200 ON MAY 11	11.0 ON NOV 18	1 100 000	1950
1951	---	235 ON APR 17	15.1 B ON JAN 1	1 810 000	1951
1952	---	143 ON APR 28	4.87 ON AUG 28	1 080 000	1952
1953	---	162 ON APR 16	8.10 ON SEP 28	1 210 000	1953
1954	---	174 ON APR 28	8.10 ON AUG 22	1 580 000	1954
1955	---	143 ON APR 21	0.425 ON SEP 25 *	878 000	1955
1956	---	203 E ON MAY 19	9.03 ON MAR 4	1 230 000	1956
1957	---	28.38 ON MAR 14	12.0 B ON JAN 20	---	1957
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1936	---	---	---	---	---	---	---	---	---	14.8	15.1	17.3	---	1936
1937	17.8	13.1	11.2	44.4	105	37.3	22.2	40.1	28.2	33.8	48.3	38.1	36.1	1937
1938	19.8	19.1	21.8	147	130	64.4	23.4	20.4	16.2	---	---	---	---	1938
1939	---	---	---	---	---	---	---	---	---	23.8	32.3	18.3	---	1939
1940	19.3	12.7	11.3	12.2	91.8	85.7	48.7	19.8	17.8	19.4	27.1	23.2	33.3	1940
1941	18.8	17.7	14.2	109	107	37.8	52.4	42.2	58.7	94.3	83.4	60.3	59.0	1941
1942	33.2	19.6	20.3	83.7	80.8	35.3	18.1	12.2	9.88	9.75	18.6	18.8	30.0	1942
1943	18.0	13.9	11.8	23.0	85.3	62.3	35.7	18.4	17.0	15.3	17.4	17.6	28.8	1943
1944	14.8	12.3	14.5	27.2	91.7	37.8	19.8	18.3	16.6	16.8	17.3	17.9	25.3	1944
1945	16.8	12.8	22.3	87.1	88.3	101	28.1	18.2	14.2	21.1	33.9	21.5	39.4	1945
1946	21.4	16.4	35.8	58.7	87.4	54.4	33.1	20.0	19.2	19.0	18.7	35.9	33.4	1946
1947	19.7	16.1	20.1	37.8	208	173	48.4	24.8	15.2	16.1	11.8	8.19	60.3	1947
1948	10.4	8.91	12.1	49.8	91.8	38.1	28.4	23.4	20.4	11.0	8.05	20.3	27.0	1948
1949	18.8	19.1	23.3	76.7	128	80.5	50.9	15.9	18.3	13.5	9.56	11.2	38.7	1949
1950	12.2	12.1	12.7	20.2	149	69.0	41.3	22.2	21.6	16.9	14.7	17.0	24.3	1950
1951	18.1	16.8	21.0	153	105	41.1	37.1	26.0	31.1	91.4	85.0	51.1	56.7	1951
1952	24.7	24.7	21.4	88.4	95.4	35.7	21.8	20.3	19.2	14.1	20.0	20.8	32.5	1952
1953	19.8	20.8	28.1	114	118	51.8	28.8	26.1	15.7	12.5	15.2	17.8	39.1	1953
1954	18.4	16.0	26.6	88.0	127	89.2	37.4	20.8	17.8	63.1	85.7	30.8	48.7	1954
1955	21.3	17.3	9.87	71.0	88.8	35.2	22.3	17.3	4.84	8.20	26.2	25.0	27.1	1955
1956	20.1	16.0	17.6	28.0	150	77.4	34.7	26.1	27.0	33.8	23.4	17.8	38.7	1956
1957	18.1	13.4	23.8	88.0	78.8	---	---	---	---	---	---	---	---	1957
MEAN	18.8	16.3	19.0	68.7	109	61.5	33.2	22.8	20.8	27.7	30.1	24.5	37.8	MEAN

LOCATION - LAT 47 50 30 N, LONG 80 26 50 W
DRAINAGE AREA, 3 420 km^2
REGULATED
DATA CONTRIBUTED BY - GREAT NORTHERN POWER COMPANY

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	188 ON MAY 1	9.08 ON FEB 16	1 140 000	1938
1939	---	276 ON APR 30 *	13.8 ON SEP 14	---	1939
1940	---	---	---	---	1940
1941	---	153 ON MAY 27	8.23 ON APR 8	1 050 000	1941
1942	---	250 ON APR 22	13.3 ON MAR 2	1 880 000	1942
1943	---	183 ON APR 27	8.21 ON AUG 18	848 000	1943
1944	---	151 ON MAY 9	7.08 ON MAR 24	909 000	1944
		148 ON MAY 1	9.08 ON DEC 25	789 000	
1945	---	238 ON MAY 30	9.34 ON FEB 5	1 240 000	1945
1946	---	148 ON MAY 27	4.28 ON JUL 17	1 050 000	1946
1947	---	286 ON MAY 19	4.63 ON NOV 23	1 590 000	1947
1948	---	141 ON MAY 2	2.15 ON NOV 7	855 000	1948
1949	---	187 ON MAY 1	5.15 ON DEC 26	1 180 000	1949
1950	---	217 ON MAY 13	5.86 ON JAN 1	1 080 000	1950
1951	---	288 ON APR 18	10.7 ON AUG 28	1 790 000	1951
1952	---	185 ON APR 26	5.04 ON AUG 29	1 030 000	1952
1953	---	184 ON MAY 9	5.68 ON SEP 26	1 230 000	1953
1954	---	191 ON APR 26	4.84 ON FEB 14	1 530 000	1954
1955	---	139 ON APR 21	0.255 ON SEP 25 *	858 000	1955
1956	---	211 ON MAY 19	7.59 ON MAR 1	1 260 000	1956
1957	---	224 ON APR 29	8.57 ON FEB 10	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 190 000	MEAN

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	42.9	50.8	82.1	83.4	223	75.5	55.1	75.8	58.2	53.7	53.3	55.5	76.0	1972
1973	78.2	75.5	105	143	197	157	76.3	55.6	37.9	53.3	59.0	58.0	94.0	1973
1974	42.7	58.1	81.0	90.3	253	131	82.7	35.7	35.8	55.2	59.0	57.8	83.8	1974
1975	51.9	50.7	59.5	93.8	174	119	43.6	19.1	20.5	17.9	25.2	40.1	82.0	1975
1976	46.5	50.1	81.8	208	220	73.7	36.5	31.1	38.3	44.4	37.8	38.2	75.5	1976
1977	47.6	48.7	74.2	203	145	48.8	37.4	26.7	30.4	37.4	56.8	54.1	87.5	1977
1978	56.8	74.1	82.1	87.2	191	84.6	38.7	32.7	36.4	62.8	58.2	50.8	88.0	1978
1979	52.2	58.6	78.4	187	407	131	76.5	44.8	37.6	64.6	92.5	111	113	1979
1980	61.7	67.1	49.7	112	184	59.0	46.1	32.3	36.4	56.7	53.6	64.2	71.1	1980
1981	51.4	58.7	72.4	230	108	100	59.8	31.6	32.2	46.8	46.0	58.4	74.3	1981
1982	66.2	68.9	52.8	84.6	140	44.4	26.3	11.6	31.0	64.3	75.8	67.6	61.2	1982
1983	63.6	60.2	67.2	70.6	258	189	38.4	41.9	28.7	61.5	65.5	71.7	88.3	1983
1984	62.6	76.9	80.5	133	136	116	123	60.4	34.2	47.7	76.6	63.9	85.1	1984
1985	63.2	68.4	71.1	115	255	87.8	61.7	48.4	31.4	30.1	46.8	57.1	82.1	1985
1986	76.9	67.0	61.6	144	149	86.8	33.6	27.3	37.5	65.6	66.3	62.0	73.7	1986
1987	70.3	75.6	66.5	85.7	63.1	60.8	29.7	21.8	10.4	22.7	22.7	64.6	44.3	1987
1988	60.3	59.6	45.8	201	254	77.1	32.4	36.3	36.3	61.7	157	105	84.7	1988
MEAN	64.6	68.8	68.3	128	188	94.2	52.8	37.1	33.6	50.4	65.1	65.3	77.2	MEAN

LOCATION - LAT 47 08 15 N
LONG 78 27 15 W

DRAINAGE AREA, 8 800 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	368 ON MAY 8	0 ON JAN 1 *	2 370 000	1972
1973	---	314 ON MAY 10	0 ON FEB 4	2 980 000	1973
1974	---	384 ON MAY 7	0 ON JAN 1	2 640 000	1974
1975	---	320 ON MAY 8	0 ON JAN 5	1 980 000	1975
1976	---	396 ON APR 23	0 ON JAN 18	2 380 000	1976
1977	---	430 ON APR 23	0 ON JAN 23	2 130 000	1977
1978	---	343 ON MAY 17	0 ON JAN 1	2 140 000	1978
1979	---	589 ON MAY 1 *	0 ON JAN 1	3 570 000	1979
1980	---	340 ON MAY 3	0 ON MAR 30	2 250 000	1980
1981	---	318 ON APR 21	0 ON AUG 15	2 340 000	1981
1982	---	311 ON APR 28	0 ON JUL 31	1 930 000	1982
1983	---	401 ON MAY 8	0 ON JUL 10	2 720 000	1983
1984	---	231 ON APR 27	0 ON AUG 4	2 690 000	1984
1985	---	486 ON APR 29	0 ON OCT 28	2 590 000	1985
1986	---	261 ON APR 24	0 ON MAR 22	2 320 000	1986
1987	---	181 ON MAR 9	0 ON APR 26	1 400 000	1987
1988	---	375 ON MAY 8	0 ON JUN 26	2 890 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 430 000	MEAN

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	5.89	77.3	83.1	89.7	50.3	25.1	25.3	38.9	28.6	20.8	---	1988
1989	17.2	21.1	18.2	109	148	82.3	34.2	24.7	11.7	20.4	75.4	46.4	48.6	1989
1970	21.2	16.2	15.9	35.9	185	107	64.0	27.6	16.8	29.6	23.6	26.1	46.2	1970
1971	18.6	19.1	22.4	86.9	159	---	---	---	6.52	14.7	22.8	31.9	---	1971
1972	26.9	23.4	22.4	39.6	177	83.6	26.6	25.0	23.5	30.2	33.0	25.9	42.8	1972
1973	22.1	20.7	38.4	108	158	93.6	61.1	26.3	26.1	32.6	44.7	32.1	54.0	1973
1974	23.3	22.7	25.3	56.7	222	80.3	48.2	23.4	17.3	32.5	37.0	26.0	51.5	1974
1975	23.2	18.2	21.3	51.2	159	110	27.5	8.75	8.81	9.37	14.1	18.3	38.2	1975
1976	17.7	19.6	21.1	184	169	48.4	21.3	12.0	20.2	33.8	25.5	16.4	49.0	1976
1977	16.2	11.6	27.3	163	111	29.6	16.0	7.37	12.6	19.7	30.0	26.3	38.6	1977
1978	21.3	20.3	17.0	21.1	157	70.7	32.0	18.3	19.8	38.2	26.6	24.8	39.2	1978
1979	23.4	18.6	27.6	150	279	92.1	47.6	22.0	18.7	35.4	62.0	56.5	69.6	1979
1980	31.6	22.1	19.7	76.6	167	43.3	19.5	16.2	15.0	36.6	35.5	28.9	42.2	1980
1981	18.6	18.3	23.1	178	86.1	87.7	39.1	13.1	13.6	30.7	28.3	25.4	44.6	1981
1982	25.1	18.1	18.3	43.5	126	38.6	20.6	9.11	19.5	41.3	44.0	39.1	37.0	1982
1983	32.9	27.6	28.4	49.2	219	126	28.5	27.7	19.4	38.3	35.3	31.7	55.6	1983
1984	26.9	26.0	26.9	107	104	73.6	46.6	38.7	20.6	27.2	46.6	46.3	52.6	1984
1985	38.6	25.4	26.0	86.6	191	85.3	35.5	24.6	15.1	19.7	38.2	38.0	51.2	1985
1986	26.3	24.5	15.5	121	127	42.1	16.7	19.1	32.2	42.4	46.6	30.4	45.4	1986
1987	24.4	23.2	21.3	50.5	46.3	33.6	26.0	17.2	8.85	22.6	20.4	26.0	27.3	1987
1988	26.5	23.2	19.2	171	191	49.5	19.6	21.8	20.2	35.1	86.0	60.1	60.5	1988
MEAN	24.1	21.1	21.8	92.6	154	69.8	35.6	20.5	16.0	30.0	38.6	32.6	47.2	MEAN

LOCATION - LAT 47 38 21 N DRAINAGE AREA, 4 300 km²
LONG 80 11 26 W REGULATED

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	354 AT 21:00 EST ON APR 21	311 ON APR 22	7.22 ON SEP 23	1 540 000	1989
1970	210 AT 03:00 EST ON MAY 4	209 ON MAY 4	9.91 ON APR 5	1 460 000	1970
1971	188 AT 10:40 EST ON MAY 6	---	---	---	1971
1972	261 AT 09:11 EST ON MAY 11	247 ON MAY 9	19.4 ON SEP 26	1 350 000	1972
1973	213 AT 09:27 EST ON MAY 5	212 ON MAY 6	19.6 ON FEB 27	1 700 000	1973
1974	323 AT 08:48 EST ON MAY 4	320 ON MAY 4	13.3 ON SEP 11	1 620 000	1974
1975	246 AT 21:15 EST ON MAY 7	245 ON MAY 8	5.30 ON OCT 23	1 240 000	1975
1976	408 AT 10:35 EST ON APR 24	408 ON APR 24	2.84 ON SEP 2 *	1 580 000	1976
1977	396 AT 16:15 EST ON APR 24	384 ON APR 24	5.64 ON AUG 21	1 250 000	1977
1978	254 AT 00:30 EST ON MAY 16	253 ON MAY 15	13.6 ON APR 10	1 240 000	1978
1979	622 AT 13:53 EST ON APR 28 *	617 ON APR 28 *	9.28 ON OCT 9	2 200 000	1979
1980	249 AT 12:19 EST ON MAY 2	248 ON MAY 2	8.69 ON AUG 7	1 340 000	1980
1981	246 AT 03:14 EST ON APR 18	246 ON APR 18	8.60 ON AUG 5	1 420 000	1981
1982	217 AT 23:15 EST ON MAY 4	216 ON MAY 4	4.88 ON AUG 21	1 170 000	1982
1983	307 AT 11:22 EST ON MAY 5	305 ON MAY 6	16.8 E ON JUL 21	1 750 000	1983
1984	306 AT 00:04 EST ON APR 28	303 ON APR 27	17.0 ON SEP 22	1 670 000	1984
1985	387 AT 10:10 EST ON MAY 2	384 ON MAY 2	9.29 ON SEP 22	1 610 000	1985
1986	212 AT 10:14 EST ON APR 22	212 ON APR 22	10.6 ON JUL 19	1 430 000	1986
1987	78.1 AT 16:32 EST ON MAY 2	77.0 ON MAY 3	8.26 ON SEP 6	880 000	1987
1988	---	291 ON MAY 4	12.6 ON AUG 2	1 930 000	1988
				1 480 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	43.7	46.6	48.3	121	152	96.6	49.0	42.6	49.3	46.8	52.3	84.1	72.0	1931
1932	54.8	51.4	57.4	137	153	59.2	40.1	48.6	65.8	120	164	77.8	84.9	1932
1933	49.6	51.4	55.7	184	191	104	55.5	48.3	36.9	36.7	46.5	44.4	75.2	1933
1934	47.3	47.1	46.7	80.8	284	92.1	64.5	47.7	44.8	49.2	62.6	72.8	78.1	1934
1935	53.8	43.4	57.5	99.7	129	69.8	58.6	46.0	43.6	42.3	40.2	44.2	60.7	1935
1936	45.7	42.0	47.2	76.2	359	118	64.1	45.2	40.5	44.0	45.1	45.8	79.8	1936
1937	49.1	47.8	46.5	91.9	148	86.5	60.1	74.5	68.7	70.7	104	88.5	74.2	1937
1938	48.7	44.7	90.9	277	201	100	64.9	46.9	48.2	42.3	41.8	40.8	85.5	1938
1939	43.7	44.1	45.8	84.2	227	176	90.1	42.2	41.0	46.8	50.8	45.5	78.7	1939
1940	43.8	43.8	42.0	51.2	134	155	84.8	49.7	56.5	46.8	65.8	66.1	71.0	1940
1941	47.8	53.1	61.1	205	177	72.9	103	72.6	85.0	181	178	116	113	1941
1942	60.7	60.7	63.9	175	128	77.8	67.8	46.5	43.5	41.9	42.5	40.9	70.0	1942
1943	39.8	37.3	41.3	84.8	152	112	76.1	45.2	45.2	43.6	48.9	47.4	62.8	1943
1944	44.3	45.1	44.8	88.9	143	85.2	67.4	45.1	46.8	43.6	48.3	45.1	57.2	1944
1945	---	---	---	148	155	285	86.1	38.7	39.6	47.8	62.7	53.8	---	1945
1946	62.9	57.4	84.6	101	101	103	82.7	43.2	43.8	47.3	46.4	67.6	69.1	1946
1947	62.6	67.7	75.6	92.7	382	421	95.2	39.4	38.2	40.6	47.1	31.2	118	1947
1948	24.6	28.2	27.5	93.8	139	59.0	46.2	46.2	43.8	46.9	54.7	54.2	55.8	1948
1949	45.1	51.3	67.4	188	234	137	119	45.9	47.1	37.3	33.8	33.7	86.7	1949
1950	33.3	43.0	49.6	85.5	236	107	62.7	41.9	38.5	34.9	36.0	44.4	88.6	1950
1951	51.0	64.8	68.4	288	186	103	94.7	63.6	76.3	182	184	122	122	1951
1952	66.1	71.6	71.1	148	171	98.4	52.5	41.1	46.8	49.6	47.3	54.3	76.4	1952
1953	59.6	65.7	95.0	240	192	76.0	81.4	47.2	37.8	31.0	37.8	40.3	82.2	1953
1954	44.7	65.4	103	156	169	180	87.4	62.5	66.5	168	148	93.1	114	1954
1955	76.3	73.8	58.8	137	103	53.1	36.6	35.1	36.3	47.4	90.8	73.2	68.1	1955
1956	73.9	70.8	64.9	85.9	240	137	81.5	61.7	58.3	87.8	90.1	62.1	86.9	1956
1957	63.9	70.8	87.1	129	136	61.6	251	49.2	65.2	54.7	83.0	77.5	92.6	1957
1958	71.2	69.6	61.6	89.0	71.0	85.7	53.3	37.2	40.6	61.7	69.7	68.0	61.5	1958
1959	61.4	58.6	46.0	74.1	160	63.4	42.5	32.6	37.2	64.1	61.1	72.4	67.9	1959
1960	66.5	70.3	56.6	124	567	176	128	54.4	69.5	49.4	63.5	65.6	125	1960
1961	54.0	62.8	59.2	87.1	153	119	87.7	66.6	103	72.8	89.9	73.3	80.8	1961
1962	68.2	67.7	72.5	90.1	278	82.6	39.0	38.5	45.0	51.7	39.6	34.4	74.2	1962
1963	33.6	35.8	36.5	113	150	89.4	53.4	46.4	46.7	46.8	44.5	46.5	61.7	1963
1964	49.0	50.6	59.4	164	210	158	74.3	33.2	34.5	53.9	55.4	50.6	83.6	1964
1965	52.9	59.0	53.6	55.6	190	57.9	37.2	42.9	81.9	129	79.9	76.3	76.5	1965
1966	66.8	69.6	73.4	144	159	144	67.6	51.1	42.9	80.6	128	181	99.3	1966
1967	76.4	73.3	85.5	219	268	189	83.7	46.9	46.0	46.3	68.2	82.0	112	1967
1968	59.4	55.3	59.6	180	81.6	105	65.6	41.0	48.9	44.4	41.0	42.8	86.9	1968
1969	48.6	59.0	62.7	122	183	80.0	63.9	76.7	46.1	50.6	114	90.8	81.4	1969
1970	65.9	74.7	80.8	72.4	210	157	115	57.4	38.6	48.9	36.0	49.2	82.2	1970
1971	52.0	60.3	66.0	118	194	85.8	---	---	---	---	---	---	---	1971
MEAN	54.6	55.4	61.7	123	196	116	70.7	47.6	50.7	63.3	70.9	64.5	81.3	MEAN

LOCATION - LAT 47 13 17 N, LONG 79 35 25 W
DRAINAGE AREA, 8 480 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1931	---	238 ON MAY 7	19.8 ON AUG 21	2 270 000	1931
1932	---	257 ON APR 30	26.9 ON JUL 5	2 690 000	1932
1933	---	351 ON APR 24	26.5 ON SEP 5	3 370 000	1933
1934	---	552 ON MAY 9	21.2 ON MAR 25	2 400 000	1934
1935	---	236 ON MAY 4	32.8 ON OCT 30	1 930 000	1935
1936	---	547 ON MAY 9	31.4 ON JUL 30	2 520 000	1936
1937	---	267 ON MAY 4	34.3 ON JUN 27	2 340 000	1937
1938	---	408 ON MAY 2	34.0 ON OCT 23	2 590 000	1938
1939	---	389 ON MAY 13	35.4 ON JAN 1	2 420 000	1939
1940	---	268 ON MAY 29	33.7 ON NOV 3	2 250 000	1940
1941	---	433 ON APR 22	39.6 ON FEB 2	3 580 000	1941
1942	---	275 ON APR 27	34.5 ON JUL 25	2 210 000	1942
1943	---	231 ON MAY 8	32.3 ON FEB 27	1 980 000	1943
1944	---	232 ON MAY 5	36.5 ON JUL 14	1 810 000	1944
1945	---	580 ON JUN 1	---	---	1945
1946	---	200 ON MAY 31	27.2 ON SEP 8	2 180 000	1946
1947	---	549 ON JUN 18	24.9 ON DEC 31	3 660 000	1947
1948	---	183 ON APR 28	20.8 ON FEB 1	1 760 000	1948
1949	---	311 ON MAY 4	23.6 ON NOV 27	2 730 000	1949
1950	---	328 ON MAY 15	19.0 ON AUG 10	2 100 000	1950
1951	---	413 ON APR 18	36.0 ON JAN 11	3 850 000	1951
1952	---	320 ON APR 25	23.6 ON OCT 28	2 420 000	1952
1953	---	274 ON APR 18	21.5 ON DEC 13	2 590 000	1953
1954	---	317 ON OCT 20	28.4 ON AUG 29	3 590 000	1954
1955	---	243 ON APR 22	24.1 ON JUL 31	2 150 000	1955
1956	---	348 ON MAY 18	30.0 ON SEP 2	2 810 000	1956
1957	---	493 ON JUL 5	27.1 ON JUN 23	2 920 000	1957
1958	---	126 ON APR 21	25.7 ON SEP 1	1 940 000	1958
1959	---	267 ON MAY 10	14.9 ON AUG 4	2 140 000	1959
1960	---	878 ON MAY 14 *	28.4 ON NOV 2	3 850 000	1960
1961	---	202 ON JUN 9	18.7 ON AUG 1	2 550 000	1961
1962	---	470 ON MAY 7	0 ON JUL 1 *	3 340 000	1962
1963	---	225 ON MAY 5	28.4 ON AUG 4	1 940 000	1963
1964	---	371 ON MAY 7	17.7 ON SEP 20	2 840 000	1964
1965	---	240 ON MAY 8	0 ON JUL 22	2 410 000	1965
1966	---	306 ON APR 25	30.0 ON JUL 28	3 130 000	1966
1967	---	548 ON MAY 6	30.8 ON AUG 19	3 520 000	1967
1968	---	202 ON APR 19	8.86 ON AUG 23	2 080 000	1968
1969	---	236 ON APR 28	37.1 ON JUL 28	2 570 000	1969
1970	---	283 ON MAY 3	32.8 ON APR 4	2 580 000	1970
1971	---	---	---	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 660 000	MEAN

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	18.6	15.2	10.4	37.1	31.3	32.6	---	1921
1922	20.6	17.9	17.6	170	200	52.2	42.6	27.7	18.7	30.6	35.6	36.6	55.0	1922
1923	18.9	13.6	12.6	35.6	107	54.3	---	---	---	---	---	---	---	1923
MEAN	18.7	15.6	15.1	103	154	53.3	30.6	21.6	13.6	28.9	33.6	34.6	55.0	MEAN

LOCATION - LAT 47 43 00 N LONG 80 19 00 W DRAINAGE AREA, 3 650 km^2 REGULATED

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	348 ON APR 19 *	12.3 ON SEP 30	1 740 000	1922
1923	---	167 ON MAY 1	12.0 ON MAR 11 *	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 740 000	MEAN

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	---	---	---	---	---	---	---	41.2	35.0	19.5	---	1935
1936	10.1	7.82	8.24	31.6	221	58.0	21.9	7.80	8.87	11.6	17.9	10.3	34.7	1936
1937	11.0	4.32	8.87	57.2	114	23.8	13.1	24.1	15.0	30.7	36.8	18.8	30.0	1937
1938	11.8	14.4	21.3	141	101	60.9	13.8	10.5	7.88	8.27	16.9	14.7	34.0	1938
1939	17.0	12.5	12.8	40.8	202	77.7	26.4	20.2	32.2	42.3	23.2	13.8	43.6	1939
1940	11.8	11.8	11.0	18.7	90.0	98.4	32.8	12.2	11.8	12.2	13.1	39.8	27.8	1940
1941	15.9	13.4	13.3	76.7	87.8	44.3	27.1	16.7	68.0	110	79.0	49.5	50.5	1941
1942	28.1	22.4	22.6	119	108	31.6	21.4	19.8	30.2	84.0	89.3	31.8	48.9	1942
1943	25.0	26.2	25.3	36.2	125	148	36.1	21.8	19.7	18.8	25.0	18.4	42.5	1943
1944	16.8	19.7	14.6	57.5	98.2	36.7	19.0	19.1	21.1	33.9	38.1	24.3	33.4	1944
1945	18.2	18.3	54.7	125	86.0	55.6	39.2	25.6	26.6	28.3	81.8	28.4	47.9	1945
1946	31.3	28.0	53.2	80.6	82.5	38.0	29.8	33.3	31.1	36.0	71.9	48.4	43.8	1946
1947	24.5	23.8	22.7	42.0	172	148	49.1	22.0	20.6	19.4	12.1	13.4	47.4	1947
1948	14.2	9.58	12.9	135	73.0	27.6	15.8	14.1	13.7	15.9	38.7	40.8	34.2	1948
1949	28.1	28.1	24.3	85.5	127	30.4	24.4	20.4	19.8	20.1	35.8	24.2	39.0	1949
1950	25.2	30.1	27.6	30.0	217	75.3	43.3	28.6	25.1	18.1	20.4	28.7	47.6	1950
1951	28.9	24.6	26.1	101	88.5	31.6	31.6	23.6	20.9	63.1	58.1	38.5	45.4	1951
1952	28.1	28.7	28.3	53.7	82.2	85.7	64.8	47.5	27.5	28.3	31.5	38.8	42.0	1952
1953	29.3	28.6	34.2	84.3	172	102	84.8	30.0	31.9	33.9	30.1	31.4	54.8	1953
1954	25.5	26.9	40.0	94.9	125	65.0	31.6	26.2	18.4	18.3	30.4	22.4	43.9	1954
1955	19.0	19.8	25.9	49.3	54.1	28.5	22.2	19.9	16.9	13.3	17.7	20.8	25.8	1955
1956	19.3	22.3	23.8	31.0	48.5	39.2	97.2	27.9	17.7	19.0	21.4	22.0	32.5	1956
1957	23.6	25.1	28.8	33.6	30.7	32.5	51.6	25.6	33.6	34.7	30.3	34.5	32.1	1957
1958	36.5	36.2	35.3	28.0	34.0	35.8	30.6	32.7	30.6	26.6	31.9	44.6	33.7	1958
1959	33.4	27.6	33.2	30.6	111	32.8	26.1	25.2	33.3	79.0	55.9	29.7	43.3	1959
1960	32.3	31.1	31.5	67.6	199	44.3	27.8	26.8	33.6	38.8	40.5	33.7	52.4	1960
1961	44.2	46.6	32.3	24.6	62.8	56.0	38.9	26.1	77.7	59.4	60.4	40.4	49.1	1961
1962	41.1	39.2	42.6	41.7	79.3	43.4	33.1	32.6	33.6	26.9	22.7	26.7	38.6	1962
1963	32.2	37.6	28.9	35.1	33.6	29.3	21.2	20.6	22.5	34.1	33.8	31.3	30.0	1963
1964	36.9	41.3	36.6	36.6	43.8	41.1	34.4	32.3	36.6	57.8	52.0	46.6	41.3	1964
1965	51.0	60.9	72.9	56.6	49.3	46.2	31.8	34.8	58.1	74.0	72.8	56.7	55.3	1965
1966	58.0	55.9	53.5	50.4	46.2	89.8	36.0	36.6	41.8	47.7	52.3	52.4	53.5	1966
1967	58.9	79.1	84.5	48.9	83.5	60.0	40.2	36.2	46.6	46.4	33.7	24.6	51.8	1967
1968	23.6	22.9	20.4	36.0	46.9	72.0	36.2	32.3	41.5	89.8	46.3	46.8	40.4	1968
1969	51.6	56.6	52.6	48.0	47.0	33.3	33.0	36.3	34.7	21.4	36.1	40.0	40.9	1969
1970	43.2	40.4	28.2	32.6	40.4	34.8	53.7	47.6	38.2	40.2	38.4	34.8	39.4	1970
1971	38.6	37.5	49.0	49.8	89.0	56.8	46.8	42.6	38.1	36.3	37.8	43.6	47.5	1971
1972	37.0	43.1	38.9	43.0	89.7	83.1	42.0	50.7	60.5	62.0	46.2	34.0	49.2	1972
1973	38.5	48.0	54.6	59.3	88.1	47.4	46.7	47.3	44.3	39.6	42.0	39.2	49.4	1973
1974	28.6	36.4	23.6	28.9	80.6	70.7	44.5	43.7	32.8	35.4	32.9	28.6	38.5	1974
1975	41.2	51.0	50.5	35.4	57.7	88.8	40.4	21.6	32.2	28.5	18.3	21.4	38.9	1975
1976	33.3	36.0	37.8	53.4	66.8	38.0	31.7	34.1	22.4	18.4	23.6	28.2	35.2	1976
1977	14.1	13.8	23.3	37.8	39.6	40.8	32.6	31.6	31.6	38.8	62.0	48.9	34.7	1977
1978	46.6	41.6	48.8	43.2	38.3	48.5	23.4	37.4	40.2	51.0	38.5	33.2	40.9	1978
1979	39.6	48.0	30.3	47.6	183	84.8	41.6	37.8	34.4	52.6	28.2	28.6	52.8	1979
1980	38.2	49.8	41.1	44.8	38.0	52.8	42.1	39.4	41.9	54.5	41.8	48.6	44.4	1980
1981	35.6	31.0	28.4	46.3	59.0	57.0	48.4	47.5	39.5	23.6	11.7	10.6	36.7	1981
1982	21.7	24.5	42.0	34.5	50.7	43.3	38.4	37.3	25.7	12.9	34.6	45.4	34.3	1982
1983	49.8	55.1	46.6	44.2	75.6	108	41.7	38.6	37.7	44.4	42.8	49.6	52.6	1983
1984	50.4	45.7	51.4	38.2	57.1	40.9	34.3	38.3	39.6	30.0	38.2	35.6	41.6	1984
1985	52.8	59.6	63.8	45.3	63.2	90.2	40.0	45.1	41.8	46.0	40.9	41.7	50.0	1985
1986	43.2	41.6	31.6	41.6	40.6	41.7	38.6	47.7	51.8	60.8	58.9	51.1	45.8	1986
1987	33.4	49.8	41.2	40.6	36.3	24.0	18.7	23.1	24.6	18.8	27.2	21.9	30.0	1987
1988	26.3	22.6	16.8	31.1	42.8	48.6	35.6	32.4	37.7	35.9	65.6	72.6	38.6	1988
MEAN	31.6	33.1	33.6	53.0	85.7	54.1	36.0	30.6	32.6	37.4	39.6	33.7	41.8	MEAN

LOCATION - LAT 47 12 50 N
LONG 84 37 10 W

DRAINAGE AREA, 2 880 km²
REGULATED SINCE 1935

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	---	---	---	1935
1936	---	340 ON MAY 11	8.26 ON AUG 21	1 100 000	1936
1937	---	282 ON MAY 3	0 ON JAN 26 *	848 000	1937
1938	---	249 ON MAY 2	0.586 ON SEP 25	1 070 000	1938
1939	---	374 ON MAY 8	8.14 ON AUG 20	1 370 000	1939
1940	---	117 ON MAY 3	5.01 ON MAR 3	881 000	1940
1941	---	187 ON APR 22	8.51 ON APR 8	1 590 000	1941
1942	---	210 ON APR 25	6.13 ON DEC 25	1 540 000	1942
1943	---	282 ON JUN 4	11.7 ON DEC 28	1 370 000	1943
1944	---	230 ON MAY 5	8.81 ON MAR 5	1 080 000	1944
1945	---	226 ON NOV 9	9.66 ON JAN 1	1 510 000	1945
1946	---	169 ON MAY 27	12.2 ON AUG 4	1 380 000	1946
1947	---	328 ON JUN 17	3.91 ON NOV 9	1 500 000	1947
1948	---	354 ON APR 29	3.31 ON FEB 22	1 080 000	1948
1949	---	262 ON MAY 6	7.82 ON OCT 23	1 230 000	1949
1950	---	413 ON MAY 16	11.3 ON OCT 8	1 500 000	1950
1951	---	257 ON MAY 1	4.90 ON DEC 25	1 430 000	1951
1952	---	206 ON APR 24	6.91 ON DEC 25	1 330 000	1952
1953	---	408 ON MAY 11	18.9 ON SEP 7	1 720 000	1953
1954	---	320 ON MAY 3	5.44 ON DEC 25	1 380 000	1954
1955	---	178 ON APR 24	3.00 ON OCT 8	809 000	1955
1956	---	137 ON JUL 14	3.00 ON MAY 13	1 030 000	1956
1957	---	118 ON JUL 7	10.8 ON AUG 11	1 010 000	1957
1958	---	59.2 ON DEC 6	8.77 ON JUL 6	1 060 000	1958
1959	---	314 ON MAY 8	5.44 ON APR 26	1 370 000	1959
1960	---	428 ON MAY 11 *	6.91 ON AUG 1	1 660 000	1960
1961	---	217 ON MAY 17	8.44 ON APR 23	1 550 000	1961
1962	---	170 ON MAY 7	9.46 ON NOV 4	1 220 000	1962
1963	---	70.8 ON FEB 21	6.23 ON DEC 1	845 000	1963
1964	---	82.9 ON OCT 13	7.86 ON JUL 26	1 310 000	1964
1965	---	114 ON SEP 28	17.3 ON JUL 4	1 740 000	1965
1966	---	141 ON JUN 8	18.6 ON OCT 16	1 690 000	1966
1967	---	198 ON MAY 3	10.6 ON DEC 31	1 830 000	1967
1968	---	153 ON JUN 14	11.3 ON JAN 7	1 280 000	1968
1969	---	78.9 ON APR 17	11.6 ON OCT 11	1 290 000	1969
1970	---	84.4 ON JUL 8	11.9 ON MAR 28	1 240 000	1970
1971	---	254 ON MAY 25	6.09 ON DEC 25	1 500 000	1971
1972	---	176 ON MAY 31	13.6 ON DEC 28	1 580 000	1972
1973	---	157 ON MAY 6	11.5 ON OCT 7	1 580 000	1973
1974	---	92.0 ON JUN 11	10.2 ON SEP 2	1 220 000	1974
1975	---	88.5 ON JUN 5	1.05 ON APR 14	1 230 000	1975
1976	---	142 ON MAY 1	2.44 ON DEC 25	1 110 000	1976
1977	---	84.1 ON NOV 17	0 ON JAN 2	1 080 000	1977
1978	---	74.2 ON JUN 12	2.24 ON JUL 22	1 290 000	1978
1979	---	414 ON MAY 11	11.6 ON SEP 1	1 670 000	1979
1980	---	68.0 ON OCT 29	12.5 ON AUG 3	1 400 000	1980
1981	---	76.3 ON MAY 9	3.60 ON DEC 7	1 180 000	1981
1982	---	77.1 ON DEC 31	0 ON SEP 3	1 080 000	1982
1983	---	314 ON JUN 2	15.0 ON NOV 13	1 680 000	1983
1984	---	85.5 ON JAN 30	15.7 ON AUG 19	1 320 000	1984
1985	---	155 ON MAY 20	18.5 ON NOV 3	1 580 000	1985
1986	---	126 ON OCT 19	12.0 ON MAR 2	1 450 000	1986
1987	---	75.9 ON APR 1	0 ON JUL 26	845 000	1987
1988	---	207 ON NOV 28	0 ON FEB 28	1 220 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 320 000	MEAN

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	36.7	87.6	7.03	95.3	---	1985
1986	40.8	1.83	16.7	13.9	5.95	1.35	0.470	0.883	1.11	0.891	40.7	150	23.1	1986
1987	5.02	5.00	8.74	104	5.13	27.6	1.01	1.16	1.53	23.8	127	28.6	26.1	1987
1988	6.04	23.7	19.3	40.3	5.05	1.62	0.840	0.853	0.853	0.836	0.949	2.33	8.44	1988
1989	1.37	1.40	18.2	83.4	48.6	15.4	1.86	0.803	0.946	0.813	31.6	3.96	15.6	1989
1990	2.28	2.27	2.55	52.3	23.7	5.65	38.6	1.48	0.481	1.03	1.90	1.85	11.2	1990
1991	1.24	1.21	37.0	91.7	43.6	16.9	0.881	0.804	1.86	5.52	0.635	2.18	17.0	1991
1992	1.58	1.33	3.22	81.7	77.2	19.7	0.867	0.890	0.818	5.00	26.1	2.16	18.3	1992
1993	8.12	37.0	112	81.6	18.0	17.3	3.40	3.65	3.80	2.93	4.16	8.01	24.5	1993
1994	3.83	11.2	57.6	96.2	41.7	15.5	4.37	4.28	2.43	14.8	19.7	6.38	26.7	1994
1995	2.90	2.34	48.5	65.9	59.3	2.83	0.788	1.23	1.19	0.853	1.38	31.9	17.7	1995
1996	2.07	2.33	75.6	147	18.4	4.20	4.64	4.29	4.21	3.47	4.13	4.58	22.8	1996
1997	4.07	4.23	58.4	83.5	2.85	0.850	1.27	1.73	1.86	31.1	30.5	13.9	18.0	1997
1998	2.82	2.18	2.32	30.6	34.2	6.57	1.26	1.15	1.34	1.34	2.21	2.36	7.36	1998
1999	2.37	1.89	89.9	145	59.5	4.02	4.29	0.935	1.10	3.11	21.0	84.2	30.3	1999
2000	15.4	2.39	3.79	183	42.5	26.5	13.9	9.84	22.0	32.2	33.4	6.50	30.9	2000
2001	5.27	25.9	87.0	40.6	18.3	6.24	5.14	0.984	100	17.4	5.33	4.95	26.3	2001
2002	4.28	3.79	11.3	103	46.6	8.55	1.40	0.788	0.943	0.875	34.5	108	27.3	2002
2003	81.7	15.1	36.4	21.6	109	23.2	0.648	0.837	1.14	1.43	1.80	2.48	23.2	2003
2004	1.78	51.1	60.0	71.4	36.5	34.8	1.24	1.16	1.60	1.23	5.61	9.30	23.0	2004
2005	72.8	9.05	81.3	159	82.3	8.37	2.11	1.27	31.5	25.3 R	19.6 R	5.94R	41.5 R	2005
2006	5.08	4.87	21.7	89.8	19.2	3.68	0.778	0.907	1.57	46.5	2.23	2.17	17.3	2006
2007	1.74	1.49	11.3	36.1	17.0	5.05	0.419	0.875	0.808	0.885	1.89	28.4	8.12	2007
2008	4.49	23.6	26.1	100	22.3	5.04	0.809	1.49	1.59	2.95	37.8	3.18	18.9	2008
MEAN	11.1	10.2	37.9	81.1	38.0	11.4	3.84	1.84	8.22	13.0 R	19.2 R	24.2 R	21.2 R	MEAN

LOCATION - LAT 45 03 48 N
LONG 79 47 12 W

REGULATED

R - REVISED SINCE JAN 01 1987

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	247 AT 21:00 EST ON DEC 10	244 ON DEC 11	0.303 ON JUN 21	731 000	1966
1967	199 AT 12:45 EST ON NOV 7	198 ON NOV 7	0.578 ON JUL 21	885 000	1967
1968	120 AT 13:00 EST ON APR 8	118 ON APR 8	0.488 ON JUL 8	267 000	1968
1969	180 AT 13:18 EST ON MAY 24	182 ON MAY 24	0.384 ON OCT 13	489 000	1969
1970	145 AT 13:54 EST ON APR 27	143 ON APR 27	0.377 ON SEP 21	384 000	1970
1971	198 AT 01:04 EST ON APR 28	197 ON APR 28	0.484 ON JUN 20	536 000	1971
1972	156 AT 06:53 EST ON APR 27	154 ON APR 26	0.411 ON JUL 6	580 000	1972
1973	213 AT 17:22 EST ON APR 9	197 ON APR 9	2.08 ON JAN 18	773 000	1973
1974	183 AT 09:44 EST ON APR 23	176 ON APR 22	0.804 ON SEP 24	843 000	1974
1975	181 AT 02:34 EST ON MAY 6	180 ON MAY 5	0.405 ON JUN 14	557 000	1975
1976	252 AT 11:55 EST ON APR 11	250 ON APR 11	1.81 ON FEB 4	721 000	1976
1977	156 AT 18:04 EST ON APR 5	156 ON APR 6	0.784 ON MAY 21	586 000	1977
1978	113 AT 09:22 EST ON MAY 2	113 ON MAY 1	0.481 ON JUL 14	233 000	1978
1979	226 AT 20:18 EST ON APR 8	224 ON APR 7	0.718 ON AUG 2	956 000	1979
1980	254 AT 17:09 EST ON APR 20 *	253 ON APR 20 *	1.70 B ON MAR 7	878 000	1980
1981	189 AT 10:21 EST ON SEP 9	188 ON SEP 8	0.757 ON AUG 2	828 000	1981
1982	211 AT 08:40 EST ON APR 30	209 ON APR 28	0.444 ON JUN 6	880 000	1982
1983	208 AT 07:08 EST ON MAY 12	207 ON MAY 11	0.588 ON JUL 17	730 000	1983
1984	184 AT 05:34 EST ON MAY 30	182 ON MAY 30	0.669A ON OCT 17	725 000	1984
1985	248 AT 15:19 EST ON APR 30	246 ON APR 30	0.789 ON JUL 13	1 310 000R	1985
1986	200 AT 22:23 EST ON APR 9	199 ON APR 10	0.420 ON JUN 21	547 000	1986
1987	107 AT 13:19 EST ON APR 7	102 ON APR 6	0.181 ON JUN 28 *	288 000	1987
1988	---	207 ON APR 11	0.511 ON JUN 24	598 000	1988
				886 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MOON RIVER AT ISLAND FALLS - STATION NO. 02EB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	84.2	---	1923
1924	51.6	47.8	73.5	118	117	59.8	30.5	14.2	9.78	12.4	7.84	43.6	48.7	1924
1925	23.6	48.3	74.4	143	48.2	38.2	19.0	18.4	10.4	8.73	55.1	53.2	45.0	1925
1926	33.1	31.7	82.4	78.2	151	80.1	44.8	32.5	26.3	---	---	---	---	1926
1927	---	---	---	---	---	---	18.3	23.3	23.4	37.1	111	82.8	---	1927
1928	42.0	48.1	138	247	58.3	30.1	15.7	14.5	27.8	28.3	18.5	11.4	56.3	1928
1929	0.384	4.88	51.7	113	186	2.49	0.380	0.388	0.388	0.183	0	0	30.2	1929
1940	0	0	0	21.8	71.4	28.5	0.351	0.304	4.52	0.142	14.2	10.1	12.5	1940
1941	7.23	0	0	85.6	23.8	0.386	0.380	0.488	0.385	0.088	38.1	14.7	14.2	1941
1942	18.4	0	36.1	128	74.0	22.0	0.377	0.387	0.388	1.22	27.0	8.85	26.3	1942
1943	0.217	0.084	21.1	82.9	205	14.6	0.734	0.809	0.773	0.218	0	0	27.5	1943
1944	0	0	0	14.5	28.8	1.74	0.488	0.323	0.228	0.123	0.039	0	3.87	1944
1945	0	0.010	66.8	71.9	33.5	18.0	0.849	0.303	0.251	0.110	0	0	18.0	1945
1946	7.67	28.7	89.4	38.0	8.61	1.59	0.485	0.434	0.400	0.118	0	0	14.4	1946
1947	0	0.736	36.7	152	179	58.6	0.446	0.439	0.485	0.157	0	0	35.9	1947
1948	0.037	0	49.4	168	28.5	7.72	0.442	0.426	0.472	0.138	6.86	3.38	22.0	1948
1949	2.52	21.7	29.7	202	53.2	0.672	0.478	0.469	0.382	0.278	0	8.85	26.5	1949
1950	80.0	45.0	1.89	50.5	17.6	0.375	0.398	0.353	0.318	0.110	0	8.97	17.8	1950
1951	2.98	0	24.9	230	113	0.360	0.418	0.410	0.388	0.107	53.6	45.8	38.3	1951
1952	20.6	2.06	0.472	122	32.3	2.98	0.516	0.458	0.444	0.142	0	13.6	18.2	1952
1953	0.325	0	47.3	77.3	10.7	0.288	0.379	0.583	0.558	0.403	0.471	0.278	11.6	1953
1954	0	0	49.7	87.2	28.6	8.34	0.643	0.437	0.384	93.0	37.4	4.80	28.0	1954
1955	0.858	0.829	0.834	105	16.7	0.853	0.853	1.29	1.35	0.834	17.7	0.708	12.5	1955
1956	0.708	0.708	2.58	15.2	80.8	26.5	1.14	1.26	3.81	1.05	0.745	0.859	11.7	1956
1957	0.510	0.724	12.0	26.3	0.816	8.18	88.9	0.578	13.5	4.47	54.2	63.7	23.8	1957
1958	48.1	5.77	1.78	4.26	0.872	0.274	0.281	0.584	0.684	9.91	2.29	0.484	8.16	1958
1959	0.483	8.91	8.46	110	81.5	4.94	0.802	0.628	0.788	0.584	40.1	22.6	23.9	1959
1960	0.788	0.784	2.81	175	118	8.31	28.1	1.58	9.88	8.74	3.38	0.573	29.8	1960
1961	0.638	0.809	3.06	47.6	23.8	0.538	0.831	0.883	0.878	0.889	0.708	0.884	8.72	1961
1962	0.595	0.595	0.817	36.0	14.4	0.830	0.453	0.607	1.03	1.05	0.840	0.708	4.77	1962
1963	0.708	0.708	8.20	72.6	86.8	4.60	0.486	0.701	1.33	1.22	0.902	0	12.8	1963
1964	0	0	8.48	0.838	5.22	0.782	0.738	0.280	0.188	0	0	4.58	1.80	1964
1965	8.59	5.34	0.708	67.2	75.6	0.422	0.288	0.888	8.43	76.7	8.16	79.8	28.1	1965
1966	28.5	1.80	22.1	9.32	3.71	0.761	0.283	0.587	0.848	---	---	---	---	1966
MEAN	12.2	9.40	28.4	90.7	81.4	13.8	8.13	3.84	4.58	9.31	16.1	17.1	21.7	MEAN

LOCATION - LAT 45 01 48 N
LONG 78 41 50 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MOOSE RIVER AT ISLAND FALLS - STATION NO. 02EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	148 ON MAY 13	8.36 ON NOV 4	1 540 000	1924
1925	---	185 ON APR 12	8.04 ON JUL 25	1 420 000	1925
1926	---	188 ON MAY 13	10.9 ON AUG 17	---	1926
1937	---	---	---	---	1937
1938	---	328 ON APR 4 *	0 E ON NOV 14 *	1 780 000	1938
1939	---	255 ON MAY 7	0 ON JAN 20	851 000	1939
1940	---	141 ON JUN 2	0 ON JAN 1	384 000	1940
1941	---	246 ON APR 27	0 ON JAN 11	448 000	1941
1942	---	185 ON APR 12	0 ON JAN 23	631 000	1942
1943	---	248 ON MAY 14	0 ON JAN 2	887 000	1943
1944	---	74.8 ON APR 28	0 ON JAN 1	122 000	1944
1945	---	211 ON APR 7	0 ON JAN 1	504 000	1945
1946	---	178 ON MAR 31	0 ON JAN 1	454 000	1946
1947	---	259 ON MAY 4	0 ON JAN 1	1 130 000	1947
1948	---	208 ON APR 14	0 ON JAN 1	885 000	1948
1949	---	277 ON APR 17	0 ON JAN 1	836 000	1949
1950	---	111 ON JAN 8	0 ON AUG 12	581 000	1950
1951	---	261 ON APR 23	0 ON JAN 1	1 240 000	1951
1952	---	150 ON APR 25	0 ON JUN 13	513 000	1952
1953	---	173 ON APR 2	0 ON JAN 4	384 000	1953
1954	---	192 ON OCT 21	0 ON JAN 1	820 000	1954
1955	---	195 ON APR 26	0 ON MAY 11	395 000	1955
1956	---	178 ON MAY 17	0 ON JUN 26	389 000	1956
1957	---	234 ON JUL 7	0 ON APR 23	752 000	1957
1958	---	157 ON JAN 1	0 ON APR 21	194 000	1958
1959	---	222 ON MAY 4	0 ON JUN 29	764 000	1959
1960	---	253 ON APR 26	0 ON JUN 11	841 000	1960
1961	---	151 ON MAY 1	0.838 ON MAY 27	211 000	1961
1962	---	78.6 ON APR 11	0.453 ON JUN 29	151 000	1962
1963	---	148 ON APR 10	0 ON APR 25	405 000	1963
1964	---	34.5 ON DEC 31	0 ON JAN 1	47 500	1964
1965	---	138 ON MAY 3	0 ON NOV 6	884 000	1965
1966	---	83.8 ON JAN 7	0.283 ON JUN 7	---	1966
				686 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	2.31	0.380	0.528	0.148	0.098	0.288	0.454	0.287	0.200	---	1981
1982	0.131	0.180	0.204	1.97	1.13	0.224	0.040	0.024	0.218	0.618	0.677	0.768	0.632	1982
1983	0.482	0.235	0.477	1.70	1.48	0.934	0.050	0.033	0.117	0.504	0.388	0.435	0.670	1983
1984	0.273	0.304	0.210	1.21	0.364	0.168	0.322	0.482	0.388	0.468	0.707	0.898	0.482	1984
1985	0.410	0.284	0.287	1.77	0.888	0.280	0.843	0.308	0.208	0.355	0.884	0.418	0.582	1985
1986	0.232	0.152	0.327	1.32	0.617	0.801	0.338	0.484	0.254	0.344	0.477	0.208	0.436	1986
1987	0.070	0.105	0.438	0.508	0.354	0.355	0.060	0.022	0.023	0.283	0.282	0.506	0.284	1987
1988	0.378	0.284	0.314	1.78	0.798	0.584	0.023	0.716	0.523	0.674	1.47	0.787	0.708	1988
MEAN	0.283	0.218	0.324	1.67	0.734	0.457	0.208	0.288	0.247	0.489	0.678	0.498	0.503	MEAN

LOCATION - LAT 48 38 08 N LONG 81 23 25 W

DRAINAGE AREA, 40.8 km^2

NATURAL FLOW

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	4.87 AT 15:38 EST ON APR 25	5.87A ON APR 4 *	0 E ON JUL 13 *	15 800	1982
1983	8.01 AT 02:48 EST ON APR 15	3.97 ON APR 25	0.018 ON AUG 16	15 000	1983
1984	8.36 AT 11:52 EST ON JUL 24	5.41 ON APR 15	0.021 ON AUG 25	14 800	1984
		1.98 ON JUL 24	0.078 ON JUN 23		
1985	8.97 AT 18:48 EST ON APR 22 *	5.12 ON APR 23	0.045 ON SEP 19	17 700	1985
1986	3.06 AT 17:38 EST ON APR 2	2.27 ON APR 2	0.0328 ON DEC 31	13 700	1986
1987	1.26 AT 08:53 EST ON MAR 30	1.19 ON MAR 30	0.012E ON AUG 13	6 010	1987
1988	---	2.61E ON APR 8	0.011 ON JUL 31	22 400	1988
				15 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

B - ICE CONDITIONS

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	253	207	284	526	4 810	2 100	481	183	518	804	439	304	899	1983
1984	283	233	275	1 790	1 700	1 140	1 300	389	184	307	575	458	720	1984
1985	259	201	233	1 400	2 580	810	701	578	241	838	571	370	720	1985
1986	208	178	213	1 670	1 980	444	318	327	444	858	520	317	618	1986
1987	287	249	318	1 070	618	577	543	552	245	588	548	398	488	1987
1988	226	193	180	1 480	2 820	580	304	884	501	577	1 340	883	800	1988
MEAN	252	210	250	1 300	2 380	944	808	457	355	825	665	423	709	MEAN

LOCATION - LAT 50 46 38 N DRAINAGE AREA, 80 100 km²
LONG 81 27 30 W REGULATED

REMARKS - REPLACES STATION NO. 04LG002 "MOOSE RIVER AT MOOSE RIVER", EFFECTIVE JAN 01 1983

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---				
1984	3 840 AT 18:15 EST ON APR 21 *	6 650E ON MAY 3	121 B ON DEC 25	28 400 000	1983
		3 800 ON APR 25	84.0E ON SEP 5	22 800 000	1984
1985	---				
1986	---	6 600B ON APR 27 *	130 B ON DEC 25	22 700 000	1985
1987	2 450 AT 06:15 EST ON APR 21	4 100E ON MAY 1	82.0B ON MAR 6 *	18 400 000	1986
1988	---	2 380 ON APR 21	150 E ON SEP 29	15 700 000	1987
		4 740 ON MAY 5	111 B ON MAR 10	25 300 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		22 400 000	MEAN

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	785	583	248	---	1959
1960	189	228	228	923	5 310	1 050	340	412	242	291	509	301	841	1960
1961	154	157	155	1 270	2 970	1 310	1 210	475	1 280	1 480	639	515	989	1961
1962	285	232	215	376	2 970	1 320	358	709	1 650	450	301	301	788	1962
1963	187	175	182	747	2 040	1 380	480	282	303	272	283	294	847	1963
1964	224	230	230	1 480	3 430	1 720	825	788	575	1 230	834	413	1 010	1964
1965	251	220	250	348	3 340	803	387	408	827	1 410	584	384	782	1965
1966	288	294	323	1 590	3 190	1 430	540	411	418	1 580	893	518	870	1966
1967	377	342	308	2 130	4 150	1 350	503	453	195	332	378	288	905	1967
1968	262	244	234	2 480	1 440	1 130	1 720	808	752	1 120	833	284	922	1968
1969	253	228	210	973	2 980	1 120	847	458	587	855	858	387	782	1969
1970	192	144	157	300	2 320	1 330	798	342	484	489	480	439	828	1970
1971	327	273	197	782	3 070	940	493	342	849	887	700	445	788	1971
1972	312	304	341	435	3 150	1 300	675	388	338	708	395	211	714	1972
1973	170	173	382	1 430	2 370	840	672	883	578	573	548	417	785	1973
1974	312	288	283	380	3 810	1 450	533	387	384	1 040	787	359	817	1974
1975	238	203	238	502	2 270	1 250	402	248	144	242	815	388	582	1975
1976	248	182	230	2 180	2 100	858	348	297	233	213	207	184	588	1976
1977	157	180	313	2 180	1 700	884	605	231	782	878	801	437	720	1977
1978	215	188	208	234	3 520	1 890	1 120	362	405	1 020	428	237	825	1978
1979	181	172	278	1 820	4 820	1 850	841	380	572	1 380	1 040	488	1 080	1979
1980	252	213	218	1 030	2 540	928	380	194	213	708	381	177	801	1980
1981	142	184	271	1 700	2 550	988	371	128	188	275	339	203	804	1981
1982	148	157	178	318	2 940	807	987	312	858	1 470	1 150	522	778	1982
MEAN	234	218	245	1 100	2 990	1 170	880	408	531	809	585	364	780	MEAN

LOCATION - LAT 50 48 50 N DRAINAGE AREA, 80 100 km²
LONG 81 17 40 W REGULATED

REMARKS - DRAINAGE AREA REVISED SEP 1982 USING NEW INFORMATION. STATION DISCONTINUED DEC 31 1982. REPLACED BY STATION 04LG004

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	7 080 ON MAY 18	7 080 ON MAY 17	146 RB ON APR 12	26 600 000	1960
1961	4 930 AT 04:00 EST ON MAY 18	4 900 ON MAY 18	92.3B ON JAN 25	31 200 000	1961
1962	4 790 AT 09:00 EST ON MAY 7	4 700 ON MAY 7	184 RB ON MAR 27	23 900 000	1962
1963	2 840 AT 13:00 EST ON MAY 26	2 820 ON MAY 26	133 RB ON FEB 6	17 300 000	1963
1964	6 630 AT 03:00 EST ON MAY 2	6 540 ON MAY 1	146 B ON MAR 31	31 800 000	1964
1965	4 880 AT 18:00 EST ON MAY 8	4 780 ON MAY 10	106 B ON APR 1	24 800 000	1965
1966	5 470 AT 19:00 EST ON APR 27	5 040 ON APR 27	241 B ON MAR 7	30 800 000	1966
1967	5 000 AT 18:00 EST ON MAY 9	5 880 ON MAY 10	124 R ON SEP 18	28 600 000	1967
1968	5 320 AT 16:00 EST ON APR 19	5 300 ON APR 19	230 B ON MAR 23	29 200 000	1968
1969	4 780 AT 12:00 EST ON MAY 9	4 790 ON MAY 9	202 B ON APR 6	24 700 000	1969
1970	4 670 AT 04:00 EST ON MAY 3	4 640 ON MAY 4	138 RB ON APR 14	19 700 000	1970
1971	3 880 AT 23:00 EST ON APR 28	3 640 ON MAY 17	111 B ON APR 11	23 900 000	1971
1972	4 640 AT 00:01 EST ON MAY 8	4 470 ON MAY 8	183 B ON DEC 31	32 600 000	1972
1973	4 330 AT 08:55 EST ON MAY 13	4 110 ON MAY 13	183 B ON JAN 27	23 800 000	1973
1974	4 780 AT 15:30 EST ON MAY 15	4 640 ON MAY 15	144 ON AUG 19	25 800 000	1974
1975	4 800 AT 18:00 EST ON MAY 3	4 450 ON MAY 3	56.6E ON SEP 3	17 700 000	1975
1976	---	6 710A ON APR 23	85.0B ON DEC 27	18 800 000	1976
1977	5 080 AT 21:04 EST ON APR 23	5 970 ON APR 24	84.9B ON JAN 4	22 700 000	1977
1978	6 430 AT 07:55 EST ON MAY 15	6 400 ON MAY 15	89.1B ON MAR 26	26 000 000	1978
1979	6 330 AT 06:13 EST ON MAY 12 *	6 270 ON MAY 12 *	128 B ON JAN 25	34 500 000	1979
1980	6 010 AT 13:53 EST ON MAY 1	5 880 ON MAY 1	80.0B ON DEC 28	19 000 000	1980
1981	4 870 AT 14:43 EST ON MAY 7	4 800 ON MAY 7	34.0E ON SEP 9 *	18 200 000	1981
1982	6 180 AT 21:50 EST ON MAY 8	6 130 ON MAY 8	83.0B ON JAN 2	24 500 000	1982
				24 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MORAY CREEK NEAR PARKHILL - STATION NO. 02FF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	0.238	0.079	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	0.448	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.181	0.194	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.409	0.082	---	---	---	---	---	---	---	---	---	1958
1959	---	---	1.44	0.811	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.223	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.031	0.148	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.042	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.142	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.198	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.558	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.286	---	---	---	---	---	---	---	---	---	---	1966
MEAN	---	---	0.427	0.239	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 13 00 N, LONG 81 44 44 W
DRAINAGE AREA, 28.6 km^2
NATURAL FLOW

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02GB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	0.130	0.103	0.104	0.112	0.128	---	1964
1965	0.139	0.415	0.804	0.647	0.177	0.100	0.087	0.108	0.118	0.109	0.118	0.198	0.251	1965
1966	0.169	0.202	0.415	0.248	0.188	0.127	0.076	0.104	0.146	0.116	0.153	0.279	0.188	1966
1967	0.251	0.198	0.345	0.418	0.233	0.161	0.128	0.118	0.126	0.123	0.158	0.221	0.207	1967
1968	0.170	0.638	0.380	0.238	0.204	0.174	0.188	0.108	0.118	0.118	0.198	0.236	0.230	1968
1969	0.828	0.373	0.387	0.841	0.384	0.239	0.118	0.112	0.108	0.121	0.134	0.137	0.308	1969
1970	0.188	0.177	0.333	0.822	0.215	0.159	0.140	0.118	0.204	0.163	0.180	0.238	0.218	1970
1971	0.162	0.414	0.700	0.315	0.145	0.150	0.118	0.107	0.128	0.103	0.100	0.127	0.213	1971
1972	---	---	---	0.674	0.259	0.171	0.148	0.188	0.134	0.148	0.242	0.338	---	1972
1973	0.364	0.284	0.625	0.428	0.310	0.193	0.128	0.117	0.136	0.188	0.288	0.331	0.288	1973
1974	0.542	0.478	0.582	0.443	0.535	0.284	0.178	0.152	0.181	0.163	0.188	0.217	0.327	1974
1975	0.253	0.378	0.634	0.418	0.234	0.201	0.150	0.138	0.173	0.148	0.184	0.248	0.283	1975
1976	0.282	0.885	0.844	0.488	0.488	0.221	0.218	0.187	0.170	---	---	---	---	1976
1977	---	---	---	---	0.210	0.158	0.188	0.158	0.358	---	---	---	---	1977
MEAN	0.311	0.385	0.588	0.455	0.275	0.180	0.148	0.132	0.157	0.131	0.171	0.228	0.250	MEAN

LOCATION - LAT 43 04 04 N, LONG 80 15 40 W
DRAINAGE AREA, 28.0 km^2
NATURAL FLOW

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02EB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	5.95 ON MAR 5	0.085 ON OCT 26	7 920	1966
1967	---	1.03 ON MAR 1	0.042 ON JUL 17 *	5 870	1967
1968	---	1.00 ON APR 8	0.085 ON OCT 26	6 520	1968
1969	---	6.83 ON FEB 2	0.045 ON OCT 17	7 270	1969
		7.87 ON JAN 30 *	0.091 ON JUL 26	9 810	
1970	---	---	---	---	1970
1971	---	2.21 ON APR 2	0.105 ON AUG 9	5 820	1971
1972	---	3.09 ON MAR 15	0.074 ON AUG 6	6 710	1972
1973	2.08E AT 12:42 EST ON MAR 17	---	---	---	1973
1974	4.70E AT 05:24 EST ON JAN 27	1.48E ON MAR 14	0.082 ON JUL 27	9 400	1974
		2.48E ON JAN 27	0.116 ON JUL 26	10 300	
1975	3.77 AT 19:19 EST ON MAR 19	2.06 ON FEB 24	0.057 ON JUL 30	8 300	1975
1976	8.41 AT 15:46 EST ON MAR 5 *	3.82 ON MAR 5	0.096 ON SEP 25	---	1976
1977	---	---	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 870	MEAN

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	50.1	85.4	82.4	83.7	---	1965
1966	83.5	77.9	83.7	72.9	52.5	43.9	12.0	8.33	19.3	27.7	76.3	89.9	53.8	1966
1967	91.3	84.5	81.6	86.2	47.7	68.2	50.9	28.7	58.7	73.0	84.7	86.0	73.2	1967
1968	94.9	97.7	96.2	70.2	21.2	17.0	26.1	29.5	50.7	32.9	34.0	75.2	53.7	1968
1969	70.2	84.4	73.2	101	106	64.8	37.1	15.6	27.5	42.3	86.8	78.5	64.6	1969
1970	86.8	86.1	87.4	83.1	112	29.2	87.5	49.1	37.5	85.2	87.8	86.9	70.2	1970
1971	72.1	80.4	93.3	87.3	86.5	12.8	19.8	16.0	25.1	14.5	31.1	86.4	51.5	1971
1972	80.0	84.0	91.4	95.5	82.8	27.9	47.6	71.8	45.6	82.5	78.8	86.4	71.8	1972
1973	89.2	86.8	86.0	116	104	61.4	44.2	41.4	24.2	44.3	83.8	82.0	76.3	1973
1974	81.4	84.2	92.8	105	121	37.0	21.2	12.2	40.0	82.3	87.8	88.3	72.7	1974
1975	88.3	78.4	86.8	97.0	74.1	10.1	8.50	14.0	41.5	42.1	36.1	86.6	55.3	1975
1976	85.5	80.8	82.8	86.4	89.8	28.1	37.7	13.1	18.3	18.8	30.2	75.2	53.8	1976
1977	86.6	81.7	86.1	97.6	41.9	6.81	18.2	12.3	50.7	82.3	81.1	86.1	57.8	1977
1978	84.7	72.4	86.0	82.0	108	43.8	13.0	15.6	48.1	86.0	86.7	82.4	62.8	1978
1979	82.3	86.6	86.8	84.3	82.9	39.2	10.6	21.1	38.2	72.3	86.7	86.8	69.2	1979
1980	86.0	78.8	84.8	86.8	34.8	39.6	45.8	48.6	50.8	85.0	83.1	86.3	68.3	1980
1981	70.8	83.4	86.8	86.1	87.5	42.3	15.3	8.43	86.7	86.7	87.4	83.8	83.8	1981
1982	84.2	76.8	86.3	86.8	43.4	86.8	22.8	14.4	40.6	82.8	86.6	87.0	61.8	1982
1983	84.4	84.8	82.3	86.6	83.2	86.2	16.6	4.50	16.4	61.3	48.3	86.4	61.6	1983
1984	81.8	84.8	83.7	86.8	48.3	87.7	38.0	10.6	34.1	43.0	72.1	84.2	62.1	1984
1985	86.1	83.4	80.8	83.0	84.4	38.6	37.7	31.1	87.7	86.4	86.4	102	77.7	1985
1986	84.9	82.3	86.3	82.3	84.6	86.8	26.4	28.3	86.4	87.7	48.2	72.8	67.6	1986
1987	81.1	86.2	83.1	78.7	7.43	19.6	16.7	4.04	4.86	27.3	31.8	78.3	38.2	1987
1988	80.6	81.8	86.3	100	70.2	16.7	3.38	7.46	33.3	86.6	102	74.4	62.3	1988
MEAN	80.4	83.7	86.3	81.2	71.1	36.8	26.2	22.0	41.6	60.2	86.0	86.0	63.1	MEAN

LOCATION - LAT 45 01 30 N
LONG 78 46 30 W

REGULATED

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	114 AT 15:30 EST ON APR 27	137 ON NOV 14	1.83 ON AUG 3	1 700 000	1967
1968	108 AT 03:00 EST ON FEB 5	106 ON APR 27	17.7 ON MAY 21	2 310 000	1968
1969	144 AT 09:42 EST ON APR 13	106 ON FEB 5	1.08 ON JUN 23	1 700 000	1969
		139 ON APR 13 *	11.2 ON AUG 11	2 030 000	
1970	125 AT 13:45 EST ON APR 30	123 ON APR 30	4.64 ON JUN 24	2 220 000	1970
1971	125 AT 20:18 EST ON MAY 4	121 ON MAY 7	0.837 ON OCT 16	1 620 000	1971
1972	131 AT 23:23 EST ON MAY 17	110 ON MAR 28	0.823 ON JUN 11	2 270 000	1972
1973	138 AT 17:22 EST ON MAY 4	137 ON MAY 11	0.688E ON JUL 28	2 380 000	1973
1974	145 AT 16:01 EST ON MAY 3 *	137 ON MAY 6	1.23 ON AUG 7	2 280 000	1974
1975	139 AT 11:49 EST ON MAY 6	135 ON MAY 6	0.368E ON MAY 29	1 780 000	1975
1976	110 AT 16:56 EST ON APR 6	109 ON APR 6	2.62 E ON SEP 6	1 700 000	1976
1977	123 AT 22:26 EST ON MAR 14	121 ON MAR 14	0.360E ON JUN 15	1 820 000	1977
1978	125 AT 11:40 EST ON MAY 17	122 ON MAY 17	1.56 ON JUL 29	1 980 000	1978
1979	128 AT 21:21 EST ON FEB 12	110 ON DEC 28	2.85 E ON JUL 28	2 180 000	1979
1980	114 AT 12:00 EST ON APR 2	111 ON APR 2	0.867E ON OCT 1	2 180 000	1980
1981	120 AT 20:27 EST ON SEP 6	118 ON APR 15	2.81 E ON JUL 16	2 010 000	1981
1982	117 AT 21:40 EST ON MAY 6	114 ON MAY 6	0.358E ON MAY 23 *	1 850 000	1982
1983	111 AT 01:27 EST ON DEC 10	109 ON DEC 10	0.695E ON JUL 26	1 850 000	1983
1984	119 AT 17:31 EST ON DEC 28	113 ON DEC 29	2.41 ON SEP 16	1 880 000	1984
1985	115 AT 07:36 EST ON APR 28	115 ON APR 28	5.00 ON JUL 25	2 450 000	1985
1986	114 AT 23:45 EST ON MAR 30	109 ON MAR 31	11.0 ON JUL 23	2 130 000	1986
1987	110 AT 22:33 EST ON APR 10	109 ON APR 10	0.429E ON MAY 26	1 240 000	1987
1988	---	128 ON APR 25	0.882A ON JUL 17	1 870 000	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 990 000	MEAN

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	28.8	---	1923
1924	22.5	20.9	31.6	45.8	46.2	28.8	15.6	7.88	5.81	6.36	4.54	19.4	21.1	1924
1925	10.9	21.1	31.0	53.4	20.8	17.5	8.08	8.27	5.58	4.81	23.8	23.5	18.2	1925
1926	14.8	14.3	22.6	31.5	58.0	33.7	19.6	14.7	11.6	---	---	---	---	1926
1927	---	---	---	---	---	---	1.53	1.66	0.723	0.853	1.49	1.81	---	1927
1928	2.00	2.72	2.18	24.8	36.7	41.4	5.26	3.55	8.61	16.2	35.1	51.5	19.0	1928
1929	48.1	48.9	37.8	42.8	57.2	29.2	26.2	29.8	35.8	35.1	42.7	34.3	38.9	1929
1940	37.3	35.7	36.0	47.2	58.6	45.3	26.4	31.8	52.8	54.0	73.8	83.1	48.7	1940
1941	76.9	62.6	61.6	76.9	60.6	21.8	21.0	18.1	16.1	26.8	62.6	74.1	46.4	1941
1942	86.7	58.5	58.2	60.3	61.9	57.0	27.8	23.1	14.5	45.2	76.2	78.9	52.4	1942
1943	67.0	75.5	83.4	61.6	63.5	58.6	42.5	39.3	28.1	25.5	39.6	50.6	56.2	1943
1944	40.5	48.3	46.8	75.3	86.4	39.2	36.0	33.9	27.6	40.1	57.3	64.8	48.2	1944
1945	46.2	41.3	76.8	76.0	78.6	75.8	41.6	27.6	26.7	35.0	61.6	67.6	54.7	1945
1946	73.7	74.8	77.9	63.1	61.6	52.3	24.8	13.6	15.7	23.4	22.0	55.7	46.4	1946
1947	70.6	77.7	74.5	85.6	86.2	68.0	37.4	39.7	21.8	24.2	22.5	37.6	54.0	1947
1948	42.0	57.7	68.0	63.6	86.0	46.6	26.8	21.0	16.3	16.6	64.6	75.3	47.8	1948
1949	78.0	86.4	89.2	91.8	57.6	42.7	38.4	18.8	10.7	18.7	19.6	51.1	50.1	1949
1950	91.7	90.8	70.6	88.7	65.3	36.0	22.1	17.1	16.6	19.0	41.7	86.0	53.8	1950
1951	80.7	80.0	91.1	92.7	70.3	25.4	28.9	26.4	22.3	53.6	98.0	83.6	61.8	1951
1952	92.1	77.2	87.4	86.8	65.9	44.4	26.4	23.6	45.5	25.6	45.1	87.2	57.2	1952
1953	86.9	84.4	86.4	77.8	67.0	37.1	28.2	18.2	16.8	19.6	19.0	87.6	48.7	1953
1954	82.0	86.7	83.8	83.0	86.1	80.7	23.0	19.6	43.4	81.6	80.8	88.2	58.8	1954
1955	83.8	70.6	73.6	83.8	42.4	17.6	13.7	11.6	10.0	22.7	87.8	42.1	42.2	1955
1956	41.8	45.3	66.9	60.9	84.6	53.6	67.0	20.4	53.8	80.6	46.0	78.7	55.8	1956
1957	74.3	87.6	87.9	74.0	31.6	48.0	72.9	14.8	62.6	44.6	76.4	86.6	62.3	1957
1958	87.6	73.6	84.1	61.0	7.08	16.1	27.4	18.8	33.9	36.9	84.1	80.2	46.2	1958
1959	44.6	76.3	82.6	85.1	76.9	34.8	17.8	26.7	38.6	47.2	78.9	86.4	57.6	1959
1960	84.4	88.6	74.0	88.7	84.8	62.7	28.0	27.6	18.6	19.1	60.4	41.8	53.1	1960
1961	43.8	34.6	78.9	80.4	68.6	37.6	36.1	26.1	28.0	19.8	23.3	44.6	43.6	1961
1962	61.6	80.3	84.0	72.3	66.3	18.3	8.44	8.43	14.1	35.2	26.6	42.3	38.2	1962
1963	53.2	48.8	46.9	66.3	44.1	28.4	10.6	18.9	34.1	27.8	33.4	83.0	38.8	1963
1964	86.8	78.6	77.4	83.0	71.4	14.4	7.46	10.8	28.4	32.3	21.8	84.3	41.8	1964
1965	81.6	84.3	83.0	72.4	63.8	12.4	11.6	23.6	48.7	84.2	81.7	82.3	58.9	1965
1966	82.6	77.3	82.9	72.3	82.0	43.6	11.8	8.26	18.2	27.4	76.3	82.3	52.7	1966
1967	82.1	85.0	79.7	86.0	43.6	68.0	47.0	24.9	80.3	---	---	---	---	1967
MEAN	68.2	60.2	66.1	70.2	58.1	38.4	26.2	19.8	25.5	31.8	47.4	59.3	47.7	MEAN

LOCATION - LAT 45 00 56 N
LONG 78 41 20 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - FORMERLY PUBLISHED AS "MUSQUASH RIVER"

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	54.4 ON MAY 13	4.02 ON NOV 4	667 000	1924
1925	---	60.0 ON APR 12	3.51 ON JUL 25	604 000	1925
1926	---	67.1 ON MAY 13	---	---	1926
1927	---	---	---	---	1927
1928	---	82.1 ON NOV 28	0 ON OCT 1 *	600 000	1928
1929	---	83.3 ON MAY 6	10.4 ON JUN 11	1 230 000	1929
1940	---	110 ON NOV 20	16.2 ON JUN 23	1 540 000	1940
1941	---	88.1 ON APR 18	6.54 ON AUG 24	1 530 000	1941
1942	---	91.7 ON NOV 11	7.62 ON SEP 20	1 650 000	1942
1943	---	115 ON MAY 1	8.55 ON OCT 31	1 770 000	1943
1944	---	92.6 ON APR 23	6.95 ON SEP 3	1 520 000	1944
1945	---	130 ON MAR 24	8.13 ON OCT 14	1 720 000	1945
1946	---	80.0 ON APR 11	0.188 ON AUG 4	1 480 000	1946
1947	---	106 ON APR 27	8.07 ON SEP 7	1 700 000	1947
1948	---	107 ON NOV 25	8.84 ON OCT 3	1 510 000	1948
1949	---	111 ON APR 5	1.78 ON SEP 11	1 580 000	1949
1950	---	121 ON DEC 10	5.84 ON AUG 13	1 690 000	1950
1951	---	168 ON MAR 31 *	10.8 ON SEP 9	1 880 000	1951
1952	---	109 ON JAN 30	15.4 ON OCT 18	1 810 000	1952
1953	---	116 ON MAY 2	9.17 ON SEP 6	1 470 000	1953
1954	---	92.3 ON APR 13	13.3 ON AUG 21	1 680 000	1954
1955	---	83.2 ON APR 2	3.81 ON SEP 24	1 330 000	1955
1956	---	88.0 ON JUL 15	14.3 ON AUG 19	1 770 000	1956
1957	---	111 ON MAR 19	3.82 ON AUG 4	1 580 000	1957
1958	---	101 ON JAN 28	0 ON MAY 10	1 480 000	1958
1959	---	92.6 ON MAY 22	2.12 ON JUN 24	1 620 000	1959
1960	---	98.6 ON NOV 22	8.30 ON OCT 15	1 680 000	1960
1961	---	94.6 ON APR 21	8.72 ON OCT 15	1 370 000	1961
1962	---	92.6 ON APR 1	0.113 ON JUL 11	1 230 000	1962
1963	---	88.6 ON MAY 22	0 ON APR 27	1 230 000	1963
1964	---	90.9 ON MAY 14	0.028 ON APR 18	1 320 000	1964
1965	---	88.9 ON OCT 2	0 ON MAY 25	1 890 000	1965
1966	---	136 ON NOV 14	1.70 ON AUG 3	1 880 000	1966
1967	---	108 ON MAR 8	14.4 ON MAY 20	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 500 000	MEAN

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	19.8	25.0	24.1	38.1	112	84.3	---	1937
1938	44.0	48.8	140	272	95.1	71.3	20.8	18.1	34.4	44.7	53.5	61.8	75.2	1938
1939	48.5	54.0	89.3	155	241	30.9	26.5	30.1	36.0	35.2	42.7	34.4	66.8	1939
1940	37.3	35.7	38.0	87.4	130	73.1	28.7	32.2	57.3	54.2	80.6	93.2	61.2	1940
1941	64.3	82.8	81.8	183	88.2	21.9	21.4	18.8	18.4	26.8	101	88.9	62.7	1941
1942	68.0	58.8	82.4	188	135	80.5	26.2	23.8	14.8	46.3	103	87.2	78.6	1942
1943	87.2	78.4	106	183	280	74.0	43.3	40.1	29.1	25.7	38.8	48.8	83.8	1943
1944	40.8	48.3	47.1	88.5	98.8	41.2	36.5	34.2	27.7	40.2	57.4	64.8	52.0	1944
1945	48.8	61.3	138	148	113	88.1	42.3	27.8	28.8	35.1	81.8	87.5	70.8	1945
1946	81.0	102	166	103	88.8	54.1	26.4	14.0	18.1	23.5	22.1	55.7	60.6	1946
1947	70.8	78.5	115	232	283	128	37.7	40.0	22.4	24.4	22.8	37.8	89.3	1947
1948	42.0	57.7	118	253	92.8	84.8	27.8	21.4	18.9	18.7	61.3	78.1	88.8	1948
1949	82.7	108	121	288	73.7	43.2	39.9	18.4	11.1	19.0	19.7	80.3	71.1	1949
1950	182	137	72.2	128	83.2	38.4	22.8	17.8	16.8	19.2	41.7	86.1	71.4	1950
1951	86.2	80.2	112	317	187	28.8	28.7	25.8	22.8	53.8	153	123	89.8	1951
1952	112	78.8	87.9	211	89.0	48.8	26.8	24.1	48.2	28.0	48.1	101	73.8	1952
1953	88.4	84.3	132	156	77.8	38.0	26.8	18.8	17.4	20.1	19.4	87.8	58.3	1953
1954	52.1	58.8	133	170	84.7	88.8	33.8	20.1	43.8	178	116	73.0	86.8	1954
1955	54.1	71.7	74.4	192	80.1	18.8	16.8	12.8	11.8	23.3	88.8	43.0	84.8	1955
1956	42.4	48.0	88.7	78.3	164	82.4	88.2	21.7	87.3	51.8	48.7	78.4	87.3	1956
1957	74.8	88.1	101	88.8	32.1	86.1	171	15.4	88.8	48.8	132	150	88.1	1957
1958	133	79.1	85.7	85.5	8.08	15.3	27.8	17.3	34.8	45.4	88.8	81.0	82.8	1958
1959	45.0	81.8	91.0	196	170	43.8	18.4	26.3	37.3	48.0	117	108	81.7	1959
1960	86.2	70.8	77.1	280	200	81.8	57.0	28.2	28.2	28.3	84.3	42.5	82.7	1960
1961	44.4	35.4	81.9	128	82.4	36.9	35.7	27.3	28.7	20.8	24.0	45.4	80.2	1961
1962	82.2	80.8	84.8	108	88.7	18.8	8.78	10.8	15.2	38.3	26.5	42.8	43.8	1962
1963	83.7	48.8	81.7	132	110	33.3	11.1	20.0	36.3	29.0	34.3	83.8	81.7	1963
1964	88.3	78.8	83.0	83.8	76.7	15.2	8.88	10.8	25.8	32.0	21.8	88.8	43.8	1964
1965	89.8	80.7	83.8	138	128	12.8	11.8	24.8	80.3	181	88.8	162	88.1	1965
1966	111	78.8	105	81.7	88.8	44.3	12.2	8.88	20.1	28.8	117	240	75.3	1966
1967	86.3	88.8	81.3	202	82.8	88.8	81.8	28.8	88.7	88.7	222	128	101	1967
1968	101	121	116	111	26.3	18.8	26.7	30.3	81.8	33.7	35.0	77.8	82.1	1968
1969	71.8	88.8	81.4	184	183	70.2	39.1	16.4	28.4	42.8	118	82.8	80.1	1969
1970	71.1	88.4	70.0	128	136	34.8	108	80.8	37.8	88.3	88.7	88.7	81.8	1970
1971	73.3	81.8	130	148	132	28.8	20.8	18.8	27.0	20.1	32.0	70.8	88.8	1971
1972	81.8	88.3	84.8	178	170	47.8	88.3	72.8	48.4	87.8	103	88.8	80.1	1972
1973	108	134	210	188	120	88.7	47.7	45.1	28.0	47.2	87.8	100	88.8	1973
1974	88.3	108	180	203	203	82.8	28.8	18.8	42.8	87.0	117	88.8	88.4	1974
1975	72.2	81.8	148	184	133	12.8	8.28	18.3	42.7	42.8	37.8	128	73.0	1975
1976	87.8	83.3	188	233	88.3	32.3	42.3	17.8	22.8	22.2	34.4	75.8	78.8	1976
1977	82.8	88.8	184	181	44.8	8.78	18.8	14.0	82.8	124	112	112	78.8	1977
1978	87.8	74.8	70.2	113	142	80.3	14.3	18.7	48.4	88.3	80.8	84.7	70.2	1978
1979	84.7	81.8	188	238	148	43.2	14.8	22.0	38.3	75.4	117	181	88.3	1979
1980	112	82.2	88.7	258	77.8	88.1	88.8	88.2	72.8	118	117	82.0	100	1980
1981	78.0	108	184	128	78.8	48.8	20.4	8.38	188	107	82.7	88.8	80.2	1981
1982	88.8	78.7	88.8	188	82.0	88.4	24.3	15.2	41.4	83.8	121	208	88.2	1982
1983	188	110	130	87.3	203	78.8	18.1	8.34	20.8	82.7	81.2	88.8	88.0	1983
1984	83.8	138	184	181	84.8	82.8	40.2	11.8	38.7	44.2	77.8	103	88.1	1984
1985	187	102	172	282	187	43.0	38.8	32.4	118	111	117	108	118	1985
1986	80.0	88.8	111	182	83.8	73.8	28.2	28.2	87.8	124	48.8	78.1	84.8	1986
1987	82.8	70.7	84.4	117	24.4	24.8	17.1	4.82	8.38	28.2	33.8	108	48.3	1987
1988	88.1	118	118	200	82.8	23.7	8.17	8.82	34.8	71.4	140	77.8	81.2	1988
MEAN	78.8	80.3	108	187	118	48.8	32.7	23.4	38.7	84.8	78.7	88.1	78.8	MEAN

DRAINAGE AREA, 4 770 km²
REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	326 ON APR 6	7.87 ON JUL 21	2 370 000	1938
1939	---	311 ON MAY 5	7.89 ON JUN 15	2 170 000	1939
1940	---	189 ON JUN 1	16.5 ON JUN 23	1 840 000	1940
1941	---	286 ON APR 27	8.88 ON AUG 24	1 880 000	1941
1942	---	285 ON APR 12	8.07 ON SEP 20	2 480 000	1942
1943	---	337 ON MAY 14	8.87 ON OCT 31	2 840 000	1943
1944	---	167 ON APR 28	9.20 ON SEP 3	1 850 000	1944
1945	---	279 ON APR 3	8.21 ON OCT 14	2 220 000	1945
1946	---	258 ON MAR 31	0.881 ON AUG 4	1 920 000	1946
1947	---	345 ON MAY 3	8.18 ON NOV 2	2 820 000	1947
1948	---	292 ON APR 14	8.17 ON OCT 3	2 310 000	1948
1949	---	286 ON APR 10	2.15 ON SEP 11	2 240 000	1949
1950	---	300 ON JAN 10	8.83 ON AUG 13	2 250 000	1950
1951	---	368 ON APR 19 *	11.8 ON SEP 9	3 140 000	1951
1952	---	278 ON APR 25	18.4 ON OCT 18	3 320 000	1952
1953	---	284 ON APR 2	8.74 ON SEP 8	1 840 000	1953
1954	---	274 ON OCT 21	12.7 ON AUG 21	2 710 000	1954
1955	---	276 ON APR 25	8.27 ON SEP 24	1 730 000	1955
1956	---	261 ON MAY 17	12.3 ON APR 1	2 130 000	1956
1957	---	320 ON JUL 7	4.26 ON AUG 4	2 720 000	1957
1958	---	235 ON JAN 1	0.227 ON JUN 2	1 880 000	1958
1959	---	303 ON MAY 3	3.57 ON JUN 29	2 580 000	1959
1960	---	340 ON APR 28	7.02 ON OCT 15	2 820 000	1960
1961	---	238 ON MAY 1	8.88 ON OCT 15	1 880 000	1961
1962	---	184 ON APR 10	0.483 ON JUL 11	1 390 000	1962
1963	---	234 ON APR 8	0.142 ON APR 27 *	1 830 000	1963
1964	---	121 ON MAY 14	0.838 ON APR 19	1 380 000	1964
1965	---	224 ON MAY 3	3.74 ON JUN 4	2 780 000	1965
1966	---	337 ON DEC 12	2.04 ON AUG 3	2 380 000	1966
1967	---	294 ON NOV 7	21.0 ON AUG 15	3 200 000	1967
1968	---	215 ON APR 5	1.58 ON JUN 23	1 970 000	1968
1969	---	271 ON MAY 24	12.0 ON AUG 11	2 530 000	1969
1970	---	235 ON APR 27	5.35 ON JUN 24	2 570 000	1970
1971	---	289 ON APR 28	4.45 ON OCT 15	2 180 000	1971
1972	---	252 ON APR 30	5.75 ON JUN 18	2 880 000	1972
1973	---	282 ON APR 6	4.22 ON JUL 28	3 180 000	1973
1974	---	294 ON APR 28	5.89 ON AUG 7	3 130 000	1974
1975	---	286 ON MAY 5	1.89 ON JUN 14	2 300 000	1975
1976	---	357 ON APR 7	6.77 ON SEP 8	2 420 000	1976
1977	---	252 ON APR 6	1.32 E ON JUN 15	2 390 000	1977
1978	---	307 ON MAY 1	3.44 ON JUL 29	2 310 000	1978
1979	---	321 ON APR 7	5.24 ON AUG 2	3 130 000	1979
1980	---	357 ON APR 19	8.45 ON AUG 21	3 170 000	1980
1981	---	286 ON SEP 8	5.03 ON AUG 24	2 480 000	1981
1982	---	303 ON APR 28	8.28 ON AUG 21	2 810 000	1982
1983	---	314 ON MAY 13	1.31 ON JUL 25	2 880 000	1983
1984	---	286 ON MAY 30	4.40 ON SEP 18	2 890 000	1984
1985	---	358 ON APR 30	8.81 ON JUL 25	3 780 000	1985
1986	---	294 ON APR 10	11.8 ON JUL 23	2 880 000	1986
1987	---	195 ON APR 8	1.38 ON SEP 22	1 820 000	1987
1988	---	286 ON APR 14	1.47 ON JUL 1	2 870 000	1988
				2 400 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	83.1	---	1923
1924	74.2	88.9	105	162	183	88.8	48.1	21.8	18.1	18.8	12.2	83.0	89.8	1924
1925	34.7	89.3	105	188	89.0	58.9	28.1	28.7	18.5	13.8	78.8	78.8	84.2	1925
1926	47.8	48.1	75.3	108	307	114	84.2	47.3	28.8	47.2	170	148	92.7	1926
1927	70.8	81.3	114	92.5	125	104	75.8	41.8	29.5	83.7	82.1	133	80.4	1927
1928	88.2	78.8	108	288	185	89.2	102	81.8	70.2	170	183	128	128	1928
1929	95.7	91.2	154	288	258	75.1	42.4	18.8	13.8	18.0	32.8	87.5	85.9	1929
1930	48.8	88.8	118	133	142	80.7	83.8	27.8	20.4	38.1	33.0	81.8	87.8	1930
1931	41.8	38.8	41.2	128	88.2	34.1	18.9	18.8	18.4	18.8	83.8	87.1	48.8	1931
1932	128	120	108	188	87.8	48.8	44.4	28.8	87.0	144	180	108	104	1932
1933	112	84.8	72.8	217	150	88.8	30.8	23.8	18.8	23.8	28.8	82.0	72.0	1933
1934	43.8	48.1	81.4	188	138	41.8	30.8	18.4	18.4	22.1	88.2	77.8	82.4	1934
1935	82.8	80.7	92.3	124	82.8	80.8	87.4	23.2	18.7	42.3	71.8	77.0	83.8	1935
1936	40.4	38.7	108	180	182	78.8	24.8	18.1	17.8	33.7	72.8	42.8	87.1	1936
1937	188	81.7	98.2	182	141	88.8	---	---	---	---	---	---	---	1937
MEAN	74.4	88.1	99.1	170	143	70.0	48.2	28.2	28.3	48.3	77.3	88.0	78.0	MEAN

LOCATION - LAT 45 01 30 N LONG 78 40 28 W DRAINAGE AREA, 4 840 km^2 REGULATED

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	199 ON MAY 13	10.4 ON NOV 4	2 210 000	1924
1925	---	225 ON APR 12	8.83 ON JUL 25 *	2 020 000	1925
1926	---	255 ON MAY 13	18.8 ON AUG 17	2 820 000	1926
1927	---	162 ON MAY 20	21.7 ON SEP 12	2 540 000	1927
1928	---	388 ON APR 18 *	24.2 ON JUN 18	3 880 000	1928
1929	---	328 ON APR 14	12.9 ON SEP 21	3 030 000	1929
1930	---	210 ON APR 23	17.8 ON OCT 14	2 130 000	1930
1931	---	188 ON APR 14	14.3 ON AUG 14	1 540 000	1931
1932	---	214 ON APR 17	15.6 ON JUN 30	3 300 000	1932
1933	---	274 ON APR 22	14.3 ON AUG 23	2 270 000	1933
1934	---	219 ON APR 24	10.8 ON AUG 5	1 970 000	1934
1935	---	167 ON MAR 27	8.83 ON SEP 19	1 970 000	1935
1936	---	303 ON MAY 8	14.7 ON JUL 19	2 120 000	1936
1937	---	231 ON APR 29	29.2 ON JUN 28	---	1937
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 450 000	MEAN

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02XC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.12	1.52	10.2	27.4	19.5	12.3	3.19	0.837	0.628	0.892	3.18	1.27	8.80	1969
1970	0.285	0.510	0.787	17.2	18.1	8.18	0.849	0.887	0.810	0.548	2.08	2.45	4.19	1970
1971	1.57	1.17	1.08	23.6	22.5	4.70	0.586	0.527	0.443	1.22	1.84	2.85	5.16	1971
1972	0.954	0.382	0.617	21.0	27.1	9.83	7.15	4.72	4.03	8.14	14.2	9.86	8.83	1972
1973	6.89	5.45	19.9	36.2	17.3	9.40	3.87	1.33	1.04	0.818	4.74	4.22	9.25	1973
1974	3.46	2.97	6.24	28.0	27.6	12.1	1.82	0.953	0.884	0.540	3.21	3.44	7.60	1974
1975	3.25	2.02	4.34	16.7	17.8	3.94	1.23	0.554	0.415	0.480	2.34	2.39	4.63	1975
1976	1.13	1.26	9.41	33.2	11.6	5.87	3.56	3.01	2.24	2.78	4.83	2.84	8.60	1976
1977	1.48	1.26	11.5	18.4	8.76	0.253	0.288	0.284	0.208	0.081	2.89	6.82	4.13	1977
1978	4.41	4.42	3.39	28.4	22.5	---	---	---	---	---	---	---	---	1978
MEAN	2.46	2.10	8.74	24.8	19.0	7.17	2.51	1.61	1.18	1.68	4.39	3.88	8.38	MEAN

LOCATION - LAT 45 47 53 N
LONG 77 06 25 W
DRAINAGE AREA, 888 km^2
REGULATED

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02XC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	54.9 ON APR 2 *	0.544 ON AUG 3	214 000	1969
1970	35.08 AT 08:40 EST ON APR 14	28.6 ON APR 21	0.2048 ON JAN 24	132 000	1970
1971	51.3 AT 22:20 EST ON APR 21	49.0 ON APR 22	0.385 ON OCT 7	183 000	1971
1972	52.7 AT 18:25 EST ON APR 21 *	48.7 ON APR 25	0.3088 ON FEB 10	278 000	1972
1973	---	51.0 ON APR 5	0.731 ON OCT 31	282 000	1973
1974	---	38.5 ON APR 17	0.292 ON NOV 7	240 000	1974
1975	---	34.8 ON APR 24	0.139 ON OCT 27	148 000	1975
1976	---	51.0 ON APR 3	0.8918 ON FEB 5	215 000	1976
1977	35.8 AT 16:30 EST ON APR 5	24.9 ON APR 5	0.045 ON OCT 18 *	130 000	1977
1978	52.4 AT 04:25 EST ON APR 21	51.6 ON APR 21	---	---	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		201 000	MEAN

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04CF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	34.8	---	---	---	---	1970
1971	---	---	---	---	---	20.7	7.48	23.7	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	11.2	80.0	28.1	36.4	---	8.67	7.17	8.01	7.73	---	1973
1976	---	---	---	---	---	18.3	8.89	10.5	13.8	10.1	4.17	1.82	---	1976
1977	1.38	1.10	0.988	21.4	41.7	10.4	17.2	---	---	---	---	---	---	1977
1978	2.18	1.28	1.33	24.2	57.0	20.4	14.2	8.86	22.1	17.3	10.1	4.48	18.3	1978
1980	2.40	1.67	1.58	8.21	63.5	9.57	4.04	3.03	8.77	23.8	15.5	3.88	11.8	1980
1981	1.58	1.27	2.77	3.67	63.4	25.0	10.1	3.78	4.10	4.72	4.43	2.00	10.7	1981
1982	0.902	0.397	0.193	0.610	76.3	15.1	10.1	13.0	24.3	33.8	21.8	8.38	17.0	1982
1983	2.08	1.01	0.525	0.388	36.2	17.8	20.0	8.10	4.10	31.1	27.5	10.8	13.4	1983
1984	3.18	0.540	0.314	16.2	51.8	38.5	21.9	10.1	8.30	6.16	8.88	4.38	18.0	1984
1985	2.97	2.28	1.81	22.6	125	58.2	48.3	25.4	28.7	41.2	34.0	11.9	33.3	1985
1986	4.22	1.84	1.12	11.7	54.8	11.7	8.95	5.14	8.88	14.8	7.08	2.28	11.1	1986
1987	1.26	0.881	0.784	8.23	12.7	9.22	17.4	20.4	20.8	18.8	8.23	3.38	10.1	1987
1988	1.88	1.13	0.984	3.82	88.8	24.0	13.1	10.9	18.2	29.4	28.3	10.3	17.4	1988
MEAN	2.17	1.28	1.13	10.8	60.7	21.8	18.9	12.8	18.1	19.8	14.7	8.77	18.8	MEAN

LOCATION - LAT 51 31 32 N
LONG 88 04 13 W
DRAINAGE AREA, 1 880 km^2
NATURAL FLOW

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04SF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	92.0B ON APR 27	1.15 B ON MAR 14	484 000	1978
1980	99.8 AT 00:14 EST ON MAY 5	98.3 ON MAY 4	1.54 B ON APR 8	375 000	1980
1981	91.5 AT 03:28 EST ON MAY 15	89.7 ON MAY 13	1.00 B ON FEB 15	336 000	1981
1982	187 AT 02:30 EST ON MAY 10	185 ON MAY 9	0.1586 ON MAR 30 *	536 000	1982
1983	83.0 AT 12:08 EST ON OCT 26	82.0 ON OCT 26	0.3208 ON APR 23	423 000	1983
1984	---	88.0E ON APR 28	0.2108 ON APR 8	474 000	1984
1985	188 AT 00:04 EST ON MAY 4 *	187 ON MAY 4 *	1.80 B ON APR 14	1 050 000	1985
1986	---	76.0E ON MAY 6	1.04 B ON MAR 19	349 000	1986
1987	---	35.5A ON AUG 28	0.7408 ON MAR 14	318 000	1987
1988	---	86.0 ON MAY 6	0.9808 ON MAR 23	551 000	1988
				480 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.4	17.0	11.6	10.3	17.5	12.8	---	1950
1951	8.26	4.85	4.83	33.1	130	31.0	14.8	8.37	3.35	13.7	18.8	18.8	23.2	1951
1952	10.3	7.01	6.07	41.0	72.7	51.0	25.8	11.8	6.70	7.83	7.85	17.2	22.1	1952
1953	7.38	6.87	7.62	24.1	127	73.4	22.3	8.38	5.71	6.45	8.51	7.42	25.3	1953
1954	4.84	5.58	5.96	20.8	128	53.8	26.4	13.4	7.01	18.1	21.0	11.9	26.8	1954
1955	8.17	3.82	3.22	18.8	81.1	31.8	8.84	3.48	1.48	12.8	20.8	12.1	14.8	1955
1956	8.35	8.40	4.98	11.4	84.8	58.7	34.1	12.3	8.33	7.88	7.06	8.28	19.8	1956
1957	8.22	4.85	4.49	23.4	88.1	44.5	56.7	14.4	7.34	7.30	13.2	11.8	21.7	1957
1958	8.89	8.85	4.85	44.8	71.0	54.4	63.6	23.4	27.3	17.5	24.9	21.2	30.8	1958
1959	10.8	8.70	8.06	8.27	72.2	51.2	14.6	11.7	10.8	18.8	21.2	13.8	20.8	1959
1960	8.37	8.49	4.26	15.0	128	58.8	18.3	14.8	8.49	8.99	13.2	12.5	25.2	1960
1961	6.80	3.47	4.26	26.7	110	48.7	27.1	10.7	15.2	34.3	33.1	18.1	28.8	1961
1962	7.84	4.74	8.29	8.80	70.4	58.7	22.3	29.8	49.8	30.5	13.4	12.2	26.2	1962
1963	8.74	7.46	8.72	16.2	73.0	83.8	18.8	8.08	8.25	8.86	8.43	8.81	18.4	1963
1964	4.86	4.78	4.68	29.8	107	68.5	43.0	29.8	23.3	32.8	26.2	17.1	32.8	1964
1965	7.88	5.81	5.82	13.3	86.0	44.7	18.8	7.83	18.3	45.0	37.8	18.8	24.8	1965
1966	11.4	8.82	10.2	23.6	117	82.4	27.1	21.0	13.5	38.7	48.1	24.4	38.1	1966
1967	11.8	7.87	8.58	34.9	123	78.0	26.8	18.8	7.88	8.80	17.8	11.8	28.7	1967
1968	8.32	3.81	4.21	40.3	46.4	46.8	42.2	38.0	28.4	38.8	24.8	15.4	28.8	1968
1969	10.8	8.21	8.88	33.1	102	38.7	18.8	12.8	8.13	18.0	13.5	10.1	23.8	1969
1970	8.88	8.88	8.88	8.88	88.7	38.4	18.4	7.00	18.4	24.7	23.3	8.14	18.3	1970
1971	7.18	8.14	8.83	17.2	78.2	88.0	21.2	14.8	18.8	30.8	31.7	24.2	28.0	1971
1972	8.43	8.78	8.18	7.73	78.4	35.8	18.4	18.8	13.7	21.8	14.8	8.53	20.8	1972
1973	8.83	4.32	8.88	20.7	77.1	38.1	33.8	24.4	18.8	18.8	20.8	14.8	23.8	1973
1974	10.8	8.20	8.47	8.88	82.1	62.8	28.8	20.1	23.8	48.8	38.1	18.4	28.8	1974
1975	8.88	7.82	7.18	8.81	88.8	44.1	18.2	7.05	3.72	8.25	18.3	14.3	17.8	1975
1976	8.78	8.71	8.88	43.7	88.2	38.3	21.8	13.8	8.22	8.84	3.87	3.18	18.8	1976
1977	2.88	2.84	8.84	82.3	88.8	28.8	28.8	14.8	31.3	37.4	28.8	18.8	28.8	1977
1978	7.21	8.48	8.28	7.28	78.2	78.8	28.8	12.8	8.88	8.78	8.27	4.18	28.8	1978
1979	3.88	3.88	4.71	18.2	118	88.1	18.8	8.72	28.8	32.3	48.4	18.7	29.2	1979
1980	11.3	7.24	8.88	18.4	101	33.8	14.1	8.47	8.88	21.4	18.2	8.72	21.3	1980
1981	7.85	8.24	8.88	28.8	88.2	38.8	18.8	8.78	2.42	2.81	4.81	3.84	18.7	1981
1982	3.88	3.23	3.17	8.85	88.8	38.8	44.8	18.4	28.3	44.7	41.2	22.3	27.8	1982
1983	12.8	18.1	18.8	11.8	182	83.2	25.1	18.8	12.8	44.2	28.8	18.3	28.4	1983
1984	8.48	8.82	8.88	38.8	83.8	78.8	84.8	28.3	11.8	18.8	12.8	11.8	28.8	1984
1985	8.34	7.43	8.83	34.3	83.8	35.8	22.7	38 8	28.8	81.4	88.8	22.3	31.8	1985
1986	18.8	8.81	8.84	37.8	77.8	27.4	18.8	7.88	8.88	18.8	18.8	8.48	28.2	1986
1987	8.87	4.78	8.28	28.2	28.2	18.4	31.8	47.8	24.2	24.8	22.8	18.7	21.4	1987
1988	18.8	7.88	8.88	38.7	87.8	38.2	18.8	18.1	18.3	28.4	28.8	24.2	28.8	1988
MEAN	8.83	8.18	8.11	23.3	88.3	48.1	28.8	18.4	14.3	21.8	21.8	13.8	24.8	MEAN

LOCATION - LAT 48 48 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km^2
NATURAL FLOW

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	188 ON MAY 8	2.75 ON SEP 26	732 000	1952
1953	---	101 ON APR 26	3.54 ON NOV 4	700 000	1953
1954	---	165 ON MAY 22	0.908 ON NOV 12 *	787 000	1954
		170 ON MAY 18	4.28 B ON JAN 16	844 000	
1955	---	72.8RE ON MAY 6	1.19 ON SEP 12	458 000	1955
1956	---	100 ON MAY 22	4.36 B ON MAR 30	629 000	1956
1957	---	104 ON MAY 4	4.19 B ON MAR 8	684 000	1957
1958	---	118 ON APR 29	4.79 B ON MAR 16	785 000	1958
1959	---	90.3 ON MAY 11	4.70 B ON MAR 3	647 000	1959
1960	---	188 ON MAY 22	3.09 RB ON APR 8	786 000	1960
1961	---	150 ON MAY 16	3.29 RB ON FEB 21	687 000	1961
1962	---	108 ON JUN 1	4.45 B ON FEB 22	826 000	1962
1963	---	84.6 ON MAY 25	4.83 ON NOV 9	581 000	1963
1964	---	141 ON MAY 6	4.39 RB ON FEB 29	1 040 000	1964
1965	---	104 ON MAY 18	4.84 B ON MAR 31	765 000	1965
1966	199 AT 16:00 EST ON MAY 26 *	187 ON MAY 26 *	6.23 B ON FEB 26	1 110 000	1966
1967	---	168 ON MAY 27	3.79 ON OCT 8	935 000	1967
1968	---	105 ON MAY 1	3.03 B ON FEB 27	836 000	1968
1969	135 AT 04:20 EST ON MAY 8	134 ON MAY 8	6.81 B ON APR 2	743 000	1969
1970	88.0 AT 18:50 EST ON MAY 8	87.7R ON MAY 8	4.70 B ON APR 15	808 000	1970
1971	98.3 AT 03:38 EST ON MAY 30	98.0 ON MAY 30	5.15 B ON APR 7	820 000	1971
1972	106 AT 01:34 EST ON MAY 14	105 ON MAY 14	7.08 B ON DEC 31	847 000	1972
1973	101 AT 11:20 EST ON MAY 16	100 ON MAY 16	3.85 B ON FEB 20	752 000	1973
1974	138 AT 15:17 EST ON MAY 22	137 ON MAY 22	5.89 B ON MAR 30	943 000	1974
1975	91.2 AT 00:50 EST ON MAY 12	90.6 ON MAY 12	3.03 ON OCT 10	880 000	1975
1976	107 AT 15:43 EST ON MAY 1	106 ON MAY 1	3.00 B ON DEC 29	588 000	1976
1977	135 AT 16:25 EST ON MAY 1	134 ON MAY 1	2.83 B ON FEB 11	848 000	1977
1978	119 AT 06:22 EST ON MAY 18	118 ON MAY 17	4.02 B ON DEC 27	850 000	1978
1979	166 AT 08:37 EST ON MAY 20	165 ON MAY 20	3.74 B ON MAR 13	920 000	1979
1980	137 AT 23:54 EST ON MAY 11	135 ON MAY 12	5.97 ON SEP 18	878 000	1980
1981	82.5 AT 07:37 EST ON MAY 6	81.6 ON MAY 6	1.83 E ON OCT 6	528 000	1981
1982	113 AT 21:20 EST ON MAY 12	112 ON MAY 12	3.10 B ON MAR 11	679 000	1982
1983	134 AT 11:32 EST ON MAY 25	133 ON MAY 25	5.19 ON SEP 1	888 000	1983
1984	111 AT 22:40 EST ON MAY 5	110 ON MAY 5	5.60 B ON FEB 9	905 000	1984
1985	---	140 R ON APR 26	4.55 B ON APR 17	878 000	1985
1986	120 A AT 04:00 EST ON MAY 7	117 A ON MAY 7	5.08 ON SEP 3	838 000	1986
1987	---	72.0E ON JUL 26	4.49 B ON MAR 15	878 000	1987
1988	---	136 ON MAY 14	6.59 B ON MAR 23	815 000	1988
				772 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	11.5	2.84	0.837	---	1921
1922	---	---	---	---	73.5	30.3	8.28	3.43	2.21	1.42	1.80	1.84	---	1922
1923	1.30	0.934	0.708	4.01	31.2	20.1	17.7	6.63	6.63	15.6	33.6	37.2	13.8	1923
1924	13.6	8.48	8.09	16.6	38.7	28.3	18.4	31.7	27.1	19.0	13.5	14.8	18.4	1924
1925	4.84	4.29	5.21	37.1	84.0	62.1	29.7	20.5	8.47	8.88	---	---	---	1925
MEAN	6.66	3.58	3.67	18.7	48.4	32.7	18.3	15.6	11.1	10.9	13.0	13.7	16.7	MEAN

LOCATION - LAT 49 47 50 N
LONG 84 31 15 W
DRAINAGE AREA, 2 410 km^2
NATURAL FLOW

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	127 ON MAY 8 *	---	---	1922
1923	---	55.8B ON DEC 19	0.851B ON APR 1 *	438 000	1923
1924	---	48.7 ON MAY 27	4.70 B ON MAR 1	813 000	1924
1925	---	89.8 ON JUN 8	---	---	1925
				526 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	52.8	40.1	28.3	21.8	---	1921
1922	17.8	---	---	58.7	188	178	108	69.3	48.7	33.8	26.5	25.8	---	1922
1923	26.8	24.9	24.1	31.2	85.5	80.1	58.1	49.5	42.8	31.5	22.5	18.3	41.2	1923
1924	16.8	15.2	15.1	17.6	31.4	41.8	35.7	33.4	46.2	108	117	79.5	46.5	1924
1925	80.3	48.3	43.4	80.0	91.7	117	107	85.3	44.2	41.2	47.8	45.1	84.3	1925
1926	41.3	39.1	35.3	42.5	70.8	104	188	122	81.5	118	131	116	89.8	1926
1927	100	86.8	87.9	115	388	306	226	138	76.9	53.5	38.7	32.4	136	1927
1928	31.1	28.8	28.0	32.1	104	138	187	154	159	206	153	108	111	1928
1929	81.2	67.4	61.2	88.8	131	115	85.1	53.1	37.1	28.6	24.5	24.8	66.6	1929
1930	26.2	27.8	27.8	33.8	97.2	145	161	120	59.8	41.3	33.8	53.4	69.1	1930
1931	81.8	66.8	47.1	43.1	51.7	108	132	72.4	45.1	38.3	37.1	51.7	62.3	1931
1932	64.6	56.3	66.2	70.2	195	182	116	62.2	57.0	43.4	40.3	36.9	84.3	1932
1933	36.6	36.3	33.1	46.1	100	127	90.6	51.3	34.6	33.5	51.3	65.0	58.8	1933
1934	86.2	80.0	58.1	76.2	348	291	147	71.0	46.0	37.1	38.3	43.4	107	1934
1935	44.4	43.2	44.2	71.6	259	201	179	122	87.6	82.2	69.2	55.5	103	1935
1936	51.8	48.1	43.5	48.7	238	252	119	54.2	36.4	24.5	20.7	19.4	78.8	1936
1937	23.6	23.1	22.5	37.5	249	280	159	100	87.4	68.4	60.2	81.3	89.7	1937
1938	58.7	58.2	54.3	170	478	306	187	95.7	59.1	36.2	30.1	28.4	132	1938
1939	29.8	31.9	32.9	42.8	169	222	188	114	78.4	66.7	53.8	43.6	89.9	1939
1940	34.5	29.1	25.1	31.6	131	218	174	78.1	47.5	31.9	31.4	29.5	71.9	1940
1941	29.8	28.8	27.4	53.4	186	201	140	79.8	139	312	194	116	126	1941
1942	81.4	85.0	84.1	58.1	196	224	124	71.8	58.2	49.4	44.9	40.2	88.3	1942
1943	38.2	38.0	37.7	54.3	169	332	346	159	110	99.5	83.5	80.8	130	1943
1944	75.5	63.0	52.8	80.4	172	345	329	317	282	147	99.5	80.7	187	1944
1945	73.1	66.4	79.3	257	277	187	131	85.3	65.8	55.1	46.5	46.4	113	1945
1946	64.2	63.3	66.4	147	239	143	101	66.4	50.5	178	237	187	122	1946
1947	126	93.4	73.6	66.2	239	328	274	156	106	131	90.6	84.7	146	1947
1948	78.1	64.0	47.9	71.4	363	217	115	77.0	62.7	41.5	26.1	24.9	99.5	1948
1949	20.0	18.2	21.7	50.8	167	175	213	152	93.2	77.4	100	86.4	100	1949
1950	84.1	78.1	71.2	86.3	447	625	388	245	171	121	108	98.8	210	1950
1951	83.5	75.5	80.4	110	357	329	183	108	93.1	114	151	145	152	1951
1952	118	90.5	87.7	108	204	165	147	190	157	89.2	86.1	48.5	121	1952
1953	44.3	42.4	42.2	58.4	161	312	287	174	119	104	77.2	68.8	121	1953
1954	58.8	48.2	42.2	73.5	421	386	232	114	68.1	47.3	36.3	33.9	131	1954
1955	33.4	33.4	33.4	61.6	148	120	86.4	63.3	40.8	54.8	71.5	82.0	70.2	1955
1956	76.4	67.3	55.5	88.3	250	282	186	116	70.2	47.8	36.8	36.9	107	1956
1957	38.1	38.8	37.4	56.0	285	195	222	136	73.8	58.0	46.9	59.1	103	1957
1958	57.4	52.4	44.2	43.3	53.6	56.8	56.5	42.6	36.9	48.7	46.0	51.3	49.3	1958
1959	51.4	48.8	36.4	33.4	73.8	144	117	78.9	64.4	64.4	76.8	72.7	76.1	1959
1960	56.8	51.8	45.4	46.9	187	223	112	83.5	52.2	43.3	36.0	43.3	78.8	1960
1961	38.5	38.3	28.5	68.0	244	218	86.8	55.3	42.2	108	80.5	84.2	86.2	1961
1962	73.9	59.0	56.0	58.7	173	266	202	198	130	73.2	47.4	36.8	115	1962
1963	32.4	28.7	27.8	56.8	86.0	160	152	107	70.2	45.7	33.7	32.8	70.4	1963
1964	31.8	28.3	28.7	49.4	184	272	288	139	109	111	84.9	76.8	117	1964
1965	63.8	53.8	50.8	70.5	175	343	183	98.6	71.3	188	190	147	148	1965
1966	119	97.2	84.9	126	192	365	174	88.1	54.4	38.2	32.7	35.2	133	1966
1967	36.0	35.2	33.8	83.2	8.3	221	148	108	70.5	48.2	36.5	31.7	84.4	1967
1968	30.4	28.3	28.0	74.2	284	429	451	228	132	144	197	119	177	1968
1969	101	84.6	78.9	135	394	273	165	127	92.1	85.3	81.3	64.3	138	1969
1970	56.8	51.5	47.1	89.0	295	443	292	123	69.7	90.5	218	203	183	1970
1971	129	93.0	78.4	132	334	304	203	88.5	51.2	89.3	211	204	184	1971
1972	128	93.3	73.2	76.4	285	220	145	180	117	78.3	83.4	53.8	124	1972
1973	46.5	37.5	35.5	62.0	143	163	127	128	174	195	175	119	116	1973
1974	88.0	89.5	87.1	74.0	278	375	238	119	134	108	108	97.8	146	1974
1975	85.8	80.1	89.3	75.0	282	221	167	89.8	58.0	45.9	45.1	52.0	105	1975
1976	58.9	54.0	51.1	137	306	161	141	88.0	40.2	23.6	17.7	16.1	81.4	1976
1977	15.5	15.3	15.8	17.4	25.5	55.2	103	72.9	288	402	300	202	127	1977
1978	129	91.7	84.3	82.4	155	315	226	148	135	102	70.7	50.7	129	1978
1979	41.8	37.8	40.4	77.7	372	338	177	87.4	55.6	39.6	41.5	43.6	113	1979
1980	44.0	41.0	37.8	42.5	66.8	57.2	42.6	32.3	48.7	131	84.6	78.7	59.7	1980
1981	83.2	52.6	48.9	122	329	270	180	86.4	50.2	40.4	51.8	94.2	114	1981
1982	47.6	43.6	42.3	80.8	246	259	188	152	88.4	132	206	196	140	1982
1983	128	93.8	76.7	79.0	142	176	165	128	88.2	113	134	127	123	1983
1984	101	80.0	65.6	86.9	241	263	193	96.8	54.4	36.0	32.3	38.9	107	1984
1985	48.3	43.4	38.7	58.1	209	233	261	144	94.2	171	151	110	131	1985
1986	83.0	66.3	58.4	114	317	233	145	85.8	61.9	61.9	68.2	65.8	118	1986
1987	57.1	49.0	43.0	49.5	51.0	90.1	88.9	218	202	109	68.2	52.3	88.3	1987
1988	45.5	42.8	43.1	80.2	107	116	85.7	161	372	169	114	126	120	1988
MEAN	80.4	52.8	46.9	71.8	218	228	171	112	90.7	88.7	83.4	72.8	109	MEAN

LOCATION - LAT 48 23 00 N, LONG 93 10 40 W DRAINAGE AREA, 13 400 km² NATURAL FLOW INTERNATIONAL GAUGING STATION

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	80.9 ON MAY 13	17.8 ON DEC 10	1 300 000	1923
1924	---	136 ON OCT 23	16.1 ON FEB 4 *	1 470 000	1924
1925	---	135 ON JUN 23	36.5 ON SEP 28	2 030 000	1925
1926	---	171 ON JUL 8	32.8 ON MAR 21	3 830 000	1926
1927	---	473 ON MAY 20	31.4 ON DEC 8	4 300 000	1927
1928	---	223 ON OCT 7	27.8 ON FEB 18	3 510 000	1928
1929	---	135 ON MAY 18	23.1 ON NOV 15	2 100 000	1929
1930	---	182 ON JUL 27	25.1 ON JAN 1	2 180 000	1930
1931	---	185 ON JUN 28	34.3 ON NOV 10	1 870 000	1931
1932	---	240 ON MAY 24	37.1 ON DEC 28	2 670 000	1932
1933	---	134 ON JUN 11	26.6 ON OCT 14	1 850 000	1933
1934	---	439 ON MAY 26	34.5 ON OCT 15	3 380 000	1934
1935	---	288 ON MAY 18	42.2 ON FEB 15	3 250 000	1935
1936	---	340 ON MAY 26	19.0 ON NOV 27	2 520 000	1936
1937	---	328 ON JUN 8	21.7 ON JAN 1	3 140 000	1937
1938	---	524 ON MAY 12	28.0 ON NOV 1	4 180 000	1938
1939	---	247 ON MAY 31	26.0 ON JAN 1	2 840 000	1939
1940	---	222 ON JUN 21	23.2 ON MAR 25	2 270 000	1940
1941	---	334 ON OCT 12	26.2 ON MAR 28	3 920 000	1941
1942	---	286 ON MAY 28	36.2 ON DEC 24	2 820 000	1942
1943	---	405 ON JUL 7	37.78 ON MAR 8	4 080 000	1943
1944	---	402 ON JUN 26	49.0 ON MAR 29	5 270 000	1944
1945	---	385 ON MAY 1	46.4 ON NOV 2	3 580 000	1945
1946	---	286 ON OCT 30	43.3 ON JAN 13	3 880 000	1946
1947	---	345 ON JUN 28	61.7 ON APR 3	4 670 000	1947
1948	---	422 ON MAY 12	21.7 ON DEC 26	3 140 000	1948
1949	---	224 ON JUL 11	18.1 ON JAN 26	3 150 000	1949
1950	---	789 ON MAY 31 *	65.4 ON APR 2	6 840 000	1950
1951	---	416 ON MAY 22	54.9 ON MAR 26	4 800 000	1951
1952	---	224 ON MAY 10	46.3 ON DEC 28	3 840 000	1952
1953	---	345 ON JUN 19	42.2 ON FEB 5	3 830 000	1953
1954	---	555 ON MAY 22	33.4 ON DEC 23	4 130 000	1954
1955	---	158 ON MAY 12	31.4 ON SEP 17	2 210 000	1955
1956	---	365 ON JUN 1	35.7 ON DEC 10	3 390 000	1956
1957	---	311 ON MAY 15	36.8 ON MAR 11	3 240 000	1957
1958	---	83.4 ON JUL 8	33.4 ON SEP 18	1 580 000	1958
1959	---	154 ON JUN 15	31.7 ON APR 4	2 400 000	1959
1960	---	256 ON JUN 10	35.4 ON NOV 13	2 480 000	1960
1961	---	294 ON MAY 25	26.0 ON MAR 28	3 030 000	1961
1962	---	311 ON JUN 2	34.5 ON DEC 30	3 810 000	1962
1963	187 AT 18:00 CST ON JUN 29	168 ON JUN 29	26.8 ON MAR 14	2 220 000	1963
1964	345 AT 15:30 CST ON JUL 9	343 ON JUL 9	26.0 ON MAR 15	3 700 000	1964
1965	422 AT 05:40 CST ON JUN 2	419 ON JUN 1	49.6 ON MAR 14	4 670 000	1965
1966	464 AT 18:00 CST ON MAY 30	462 ON MAY 28	31.7 ON NOV 14	4 180 000	1966
1967	345 AT 02:00 CST ON MAY 18	343 ON MAY 14	30.8 ON DEC 10	3 100 000	1967
1968	565 AT 18:00 CST ON JUN 25 *	564 ON JUN 25	23.8 ON MAR 4	5 800 000	1968
1969	433 AT 03:45 CST ON MAY 15	428 ON MAY 12	58.3 ON OCT 30	4 340 000	1969
1970	484 AT 18:50 CST ON JUN 20	462 ON JUN 20	44.7E ON APR 3	5 150 000	1970
1971	382 AT 17:15 CST ON MAY 13	380 ON MAY 10	41.6 ON SEP 27	4 880 000	1971
1972	365 AT 14:00 CST ON MAY 24	365 ON MAY 24	48.7 ON DEC 28	3 840 000	1972
1973	239 AT 16:00 CST ON OCT 28	236 ON OCT 27	33.4 ON MAR 5	3 710 000	1973
1974	382 AT 18:00 CST ON JUN 21	382 ON JUN 22	54.1 ON MAR 28	4 800 000	1974
1975	314 AT 14:06 CST ON MAY 23	311 ON MAY 22	41.8 ON OCT 21	3 300 000	1975
1976	382 AT 15:00 CST ON MAY 7	382 ON MAY 7	15.7 ON DEC 30	2 890 000	1976
1977	450 AT 18:00 CST ON SEP 28	450 ON SEP 28	15.2 ON FEB 22	3 880 000	1977
1978	357 AT 14:22 CST ON JUN 14	357 ON JUN 14	44.5E ON DEC 31	4 080 000	1978
1979	433 AT 18:48 CST ON MAY 25	431 ON MAY 25	38.6 ON FEB 20	3 570 000	1979
1980	153 AT 10:10 CST ON OCT 10	149 ON OCT 10	28.3 ON AUG 28	1 890 000	1980
1981	369 AT 18:00 CST ON MAY 13	369 ON MAY 13	37.5 ON SEP 27	3 580 000	1981
1982	352 AT 14:30 CST ON MAY 28	351 ON MAY 28	38.9 ON MAR 9	4 410 000	1982
1983	189 AT 20:30 CST ON JUL 21	188 ON JUL 21	70.4A ON MAR 30	3 870 000	1983
1984	296 AT 05:42 CST ON MAY 24	295 ON MAY 24	31.3 ON NOV 18	3 380 000	1984
1985	303 AT 05:58 CST ON JUL 7	301 ON JUL 6	38.2 ON MAR 26	4 120 000	1985
1986	368 AT 12:42 CST ON MAY 22	363 ON MAY 20	55.7 ON MAR 23	3 720 000	1986
1987	285 AT 12:32 CST ON AUG 21	284 ON AUG 23	40.8 ON MAR 22	2 780 000	1987
1988	441 AT 14:13 CST ON SEP 7	439 ON SEP 7	40.6 ON MAR 6	3 800 000	1988
				3 440 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	5.31	2.83	0.821	0.355	0.278	0.236	0.386	0.915	1.11	---	1969
1970	0.488	1.67	2.83	2.44	0.808	0.211	0.678	0.288	0.288	0.811	2.37	3.82	1.32	1970
1971	0.862	2.31	4.78	1.88	0.881	0.882	0.088	0.028	0.092	0.170	0.262	0.886	1.07	1971
1972	1.30	0.488	7.46	4.63	1.86	0.888	0.480	0.367	0.187	0.475	1.88	3.34	1.84	1972
1973	2.83	1.68	8.07	2.09	0.843	0.697	0.337	0.088	0.084	0.377	3.00	3.48	1.85	1973
1974	4.48	3.18	4.65	2.88	4.88	1.10	0.371	0.241	0.192	0.278	0.852	1.62	2.04	1974
1975	2.20	3.34	4.88	3.21	0.750	1.33	0.256	0.309	1.86	0.721	1.48	3.01	1.88	1975
1976	2.20	8.08	8.87	3.15	4.17	0.702	1.12	0.536	0.404	0.880	0.851	0.595	2.41	1976
1977	0.348	1.31	6.88	3.80	0.805	0.384	0.469	0.328	5.53	2.56	1.78	6.72	2.55	1977
1978	1.31	1.01	5.67	6.18	2.88	0.633	0.172	0.193	0.385	1.22	1.06	1.53	1.88	1978
1979	1.58	1.70	5.78	5.61	2.19	0.853	0.280	0.647	0.822	1.08	2.40	4.20	2.22	1979
1980	2.43	0.853	4.98	4.67	2.25	1.22	0.387	0.352	1.37	1.11	0.927	1.46	1.84	1980
1981	0.223	5.14	1.63	2.08	1.15	0.621	0.466	0.367	0.947	1.38	1.26	1.13	1.34	1981
1982	1.30	0.218	6.65	4.19	1.18	2.18	0.495	0.433	0.736	0.633	4.12	5.83	2.48	1982
1983	2.80	3.30	2.88	3.38	4.48	1.30	1.72	3.07	0.560	0.922	2.20	5.29	2.85	1983
1984	0.698	7.40	5.31	4.84	2.80	2.33	0.631	0.758	1.45	0.822	1.48	2.61	2.84	1984
1985	2.17	5.95	7.81	3.84	0.878	0.950	0.387	0.576	0.854	1.58	9.23	3.58	3.11	1985
1986	2.06	2.21	7.17	2.88	1.81	1.21	0.807	0.502	0.873	3.48	2.24	4.83	2.50	1986
1987	1.88	0.860	3.39	4.56	0.845	0.461	0.254	0.285	0.287	0.453	1.06	3.34	1.47	1987
1988	2.17	3.38	2.30	1.27	0.778	0.201	0.852	0.885	0.428	1.17	2.43	1.39	1.43	1988
MEAN	1.73	2.84	5.35	3.46	1.92	0.942	0.519	0.523	0.879	1.00	2.07	3.96	2.02	MEAN

LOCATION - LAT 42 48 34 N DRAINAGE AREA, 181 km²
LONG 80 04 36 W REGULATED

REMARKS - SEASONAL REGULATION

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	12.3 AT 14:23 EST ON DEC 4	11.7 ON DEC 4	0.127 ON JUL 2	41 600	1970
1971	15.6 AT 04:00 EST ON MAR 16	15.38 ON FEB 28	0 ON AUG 7 *	33 900	1971
1972	17.6 AT 18:46 EST ON APR 16	14.28 ON MAR 16	0.102 ON SEP 23	61 400	1972
1973	23.6 AT 04:30 EST ON MAR 16	18.4 ON MAR 16	0.021 ON SEP 13	61 600	1973
1974	26.3 AT 08:13 EST ON FEB 22	22.1 ON MAR 5	0.110 ON SEP 2	84 300	1974
1975	22.2 AT 18:50 EST ON MAR 24	18.2 ON FEB 24	0.074 ON AUG 1	58 700	1975
1976	50.7 AT 16:49 EST ON MAR 5	31.4 ON MAR 5	0.207 ON SEP 9	76 400	1976
1977	50.0 AT 08:51 EST ON SEP 26	38.0 ON SEP 26	0.097 ON AUG 2	80 400	1977
1978	---	21.38 ON MAR 21	0.098 ON SEP 7	52 800	1978
1979	28.8 AT 22:44 EST ON AUG 7	22.08 ON MAR 5	0.101 ON JUN 27	98 900	1979
1980	30.7 AT 19:47 EST ON MAR 21	20.1 ON MAR 21	0.080 ON AUG 19	58 100	1980
1981	---	17.08 ON FEB 17	0.087 ON JUN 10	42 100	1981
1982	---	30.08 ON MAR 14	0.197 ON JUL 26	78 800	1982
1983	28.1 AT 08:13 EST ON JUL 31	18.8 ON JUL 31	0.294 ON OCT 3	83 800	1983
1984	62.8 AT 10:43 EST ON FEB 14	44.3 ON FEB 14	0.141 ON AUG 28	80 800	1984
1985	78.2 AT 15:26 EST ON FEB 24 *	46.6 ON FEB 24 *	0.143 ON AUG 4	97 800	1985
1986	38.1 AT 19:26 EST ON OCT 3	22.08 ON MAR 11	0.234 ON SEP 10	78 700	1986
1987	18.2 AT 18:47 EST ON APR 5	15.8 ON APR 5	0.077 ON JUL 28	46 200	1987
1988	---	11.08 ON FEB 23	0 ON JUL 7	45 200	1988
				63 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	8.84	11.1	21.0	36.9	17.0	3.12	1.14	1.32	1.14	0.885	1.61	3.98	8.84	1974
1975	8.45	8.98	21.7	31.6	10.0	2.69	1.22	1.26	2.28	1.31	2.63	6.74	8.12	1975
1976	5.64	9.71	36.9	36.1	9.89	4.24	2.18	1.61	1.73	1.65	1.63	1.33	9.36	1976
1977	1.18	1.28	25.8	18.9	5.83	2.31	1.40	1.89	1.86	3.02	5.43	10.1	6.89	1977
1978	13.0	14.9	11.1	43.7	10.2	2.07	1.22	1.32	1.46	1.78	2.75	4.86	8.83	1978
1979	5.85	4.59	32.1	30.1	9.23	4.47	1.54	1.82	2.18	2.86	4.24	10.7	9.13	1979
1980	10.6	4.83	18.2	28.3	15.7	2.84	1.63	2.34	1.85	2.36	4.21	7.84	8.40	1980
1981	4.35	23.6	24.4	7.84	6.86	6.25	3.13	3.78	19.6	13.7	16.1	9.32	11.3	1981
1982	5.78	4.45	11.4	37.2	10.8	7.56	2.97	1.60	2.38	3.11	6.71	14.6	9.02	1982
1983	14.2	11.2	14.5	18.0	20.5	5.44	1.38	1.51	1.30	1.68	6.14	20.3	9.68	1983
1984	10.3	21.7	17.4	31.1	12.5	5.12	2.90	2.48	2.36	1.72	1.83	3.84	9.36	1984
1985	4.84	6.28	27.4	20.2	3.84	1.87	1.58	1.18	4.24	4.26	13.9	10.9	8.37	1985
1986	8.76	6.68	17.9	16.6	6.16	7.68	2.70	3.06	9.04	14.0	10.7	13.9	9.86	1986
1987	9.86	5.70	16.4	27.6	4.78	5.16	2.60	1.43	1.88	1.83	5.60	20.5	8.62	1987
1988	9.61	7.73	14.3	22.0	5.23	1.59	0.802	0.818	0.911	1.32	2.88	2.70	5.82	1988
MEAN	8.13	9.38	20.7	27.1	9.86	4.16	1.91	1.82	3.63	3.71	5.86	9.40	8.77	MEAN

LOCATION - LAT 44 20 03 N DRAINAGE AREA, 884 km²
LONG 76 50 16 W REGULATED

REMARKS - MINOR REGULATION

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	51.5 AT 17:00 EST ON APR 7	51.0 ON APR 7	0.382 ON OCT 8	270 000	1974
1975	49.0 AT 11:05 EST ON MAR 27	45.8 ON MAR 28	0.817 ON NOV 8	256 000	1975
1976	77.8 AT 14:05 EST ON APR 1 *	76.5 ON APR 1 *	0.807 ON NOV 25	297 000	1976
1977	45.0 AT 08:45 EST ON MAR 17	44.5 ON MAR 17	1.05 B ON JAN 25	211 000	1977
1978	53.8 AT 10:45 EST ON APR 14	53.5 ON APR 13	0.118 ON OCT 8 *	281 000	1978
1979	44.1 AT 12:09 EST ON MAR 26	43.9 ON MAR 26	1.27 ON JUL 22	288 000	1979
1980	86.2 AT 17:32 EST ON MAR 21	49.7 ON MAR 25	0.364 ON OCT 17	286 000	1980
1981	87.7 AT 04:39 EST ON FEB 24	86.2 ON FEB 24	2.08 ON JUL 27	358 000	1981
1982	55.9 AT 11:48 EST ON APR 7	52.4 ON APR 4	1.33 ON AUG 12	285 000	1982
1983	---	33.0E ON DEC 17	1.13 ON JUL 20	305 000	1983
1984	43.8 AT 08:23 EST ON APR 8	43.2 ON APR 7	1.32 ON NOV 3	298 000	1984
1985	---	38.7 ON MAR 16	0.870 ON AUG 13	284 000	1985
1986	41.9 AT 20:16 EST ON MAR 19	38.7 ON MAR 30	1.88 ON AUG 13	314 000	1986
1987	43.8 AT 02:29 EST ON APR 5	42.8 ON APR 5	1.26 ON AUG 16	272 000	1987
1988	---	41.4 ON MAR 30	0.472E ON JUL 7	184 000	1988
				277 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	3.30	4.47	---	1915
1916	8.68	19.6	15.2	58.1	25.4	36.2	14.7	2.06	1.23	1.36	1.29	1.22	15.3	1916
1917	1.85	1.81	20.6	46.6	7.78	5.47	2.09	1.23	1.07	3.55	5.85	3.83	8.40	1917
1918	1.98	3.67	28.8	45.6	8.07	5.89	4.23	1.85	2.84	8.48	15.5	16.4	12.0	1918
1919	12.6	4.89	28.8	32.1	36.3	16.3	3.11	0.994	0.903	1.14	4.83	4.12	12.2	1919
1920	1.28	1.12	25.1	27.3	8.88	2.06	2.23	0.883	0.288	0.282	1.44	9.43	8.71	1920
1921	6.96	3.89	30.5	21.1	7.88	1.60	0.837	1.04	1.11	0.342	2.06	3.55	8.73	1921
1922	2.45	2.06	22.6	40.2	12.8	4.80	2.89	2.81	1.77	1.08	0.388	0.832	7.88	1922
1923	0.680	0.481	5.01	32.6	13.7	10.1	2.76	1.09	1.49	0.448	1.26	5.04	6.21	1923
1924	6.62	6.15	19.8	33.4	18.8	5.86	2.12	1.59	1.12	2.62	1.31	1.80	8.39	1924
1925	0.425	12.4	38.5	25.6	8.06	3.71	2.00	1.88	0.715	0.772	7.63	13.4	9.59	1925
1926	5.18	3.06	9.32	50.1	18.9	4.76	2.82	1.26	1.13	2.83	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	5.87	7.25	---	---	1945
1946	---	---	24.2	8.26	4.89	3.26	1.48	0.851	0.782	1.16	2.63	5.87	---	1946
1947	8.17	11.2	14.7	59.6	19.6	30.5	8.13	3.22	1.66	1.43	1.44	2.59	13.0	1947
1948	---	---	32.9	34.5	11.9	6.21	1.58	0.901	0.380	0.630	2.34	2.48	---	1948
1949	4.96	8.69	19.6	31.0	8.17	1.48	0.891	0.595	0.603	0.139	0.700	4.18	8.64	1949
1950	21.4	8.18	12.2	58.0	8.42	3.46	1.08	0.421	0.350	1.17	4.13	7.80	10.3	1950
1951	16.0	11.6	35.3	51.0	13.4	2.69	5.84	1.95	2.96	3.07	13.1	17.6	14.7	1951
1952	14.2	18.8	18.0	47.6	8.84	4.80	1.07	0.950	0.814	0.943	1.11	4.80	9.74	1952
1953	3.95	4.86	20.0	20.1	14.6	4.38	1.58	2.69	2.02	1.48	1.72	5.63	6.83	1953
1954	3.87	10.3	32.6	44.6	17.0	3.76	1.58	1.11	1.31	2.70	7.20	8.21	11.2	1954
1955	5.90	3.24	29.5	43.9	8.18	1.92	1.15	0.854	1.09	15.2	26.8	4.88	11.7	1955
1956	3.74	2.08	3.73	58.0	30.5	13.1	2.38	1.01	0.648	0.577	0.908	2.26	9.83	1956
1957	2.80	4.83	11.1	14.3	5.88	3.30	2.44	1.26	0.832	0.769	1.83	7.88	4.73	1957
1958	9.78	3.23	12.3	23.1	8.83	3.38	1.47	0.881	1.27	2.01	2.30	3.11	5.84	1958
1959	1.93	2.83	6.66	56.6	8.83	1.41	1.40	0.978	1.18	3.30	9.80	13.8	8.86	1959
1960	4.64	7.13	7.38	56.3	17.4	3.46	1.47	1.03	1.18	1.02	1.18	1.07	9.36	1960
1961	0.692	2.76	9.42	23.8	16.9	8.18	3.17	1.68	1.47	1.25	1.68	3.57	6.21	1961
1962	2.10	1.62	13.3	36.0	7.25	1.46	1.00	0.703	0.588	0.950	3.89	6.06	6.16	1962
1963	3.70	2.74	12.0	27.9	11.5	8.64	1.53	1.23	0.823	0.701	2.44	7.10	6.81	1963
1964	8.31	10.1	14.0	23.5	8.83	1.98	0.874	0.724	0.598	0.800	0.416	2.24	6.06	1964
1965	2.37	11.8	17.5	31.1	11.0	1.32	1.01	0.715	0.898	2.80	15.0	21.6	9.88	1965
1966	11.8	7.70	28.2	15.5	3.63	1.76	0.671	0.447	0.480	0.564	8.37	28.7	8.58	1966
1967	10.2	8.85	9.66	30.1	8.18	2.18	1.42	0.784	0.858	5.60	18.1	13.2	8.88	1967
1968	7.48	10.0	20.4	19.6	5.21	6.87	3.15	1.81	7.72	4.05	10.8	16.2	9.36	1968
1969	8.93	11.6	18.8	34.2	23.6	8.62	2.82	2.16	1.17	1.02	8.16	8.43	11.0	1969
1970	4.87	4.34	11.4	24.6	11.8	2.68	2.46	1.16	0.809	1.38	5.85	9.88	7.68	1970
1971	6.88	7.68	13.2	51.6	14.4	1.84	1.17	0.878	1.06	1.54	1.25	5.17	8.82	1971
1972	8.18	5.03	7.48	51.8	20.0	8.19	6.66	3.02	1.51	4.47	14.2	17.4	12.2	1972
1973	19.5	17.8	36.8	30.0	11.3	4.33	1.50	1.48	1.13	0.831	3.68	6.46	11.2	1973
1974	15.8	19.5	25.6	40.1	19.8	---	---	---	---	---	---	---	---	1974
MEAN	6.84	7.26	19.1	38.8	13.1	6.16	2.48	1.30	1.28	2.25	6.43	7.68	9.13	MEAN

LOCATION - LAT 44 18 38 N
LONG 76 56 43 W
DRAINAGE AREA, 777 km^2
REGULATED

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	79.3 ON MAR 30	0.623 ON NOV 26	485 000	1916
1917	---	82.1 ON APR 3	0.396 ON SEP 24	285 000	1917
1918	---	79.8 ON APR 2	0.566 ON AUG 26	378 000	1918
1919	---	71.6 ON MAR 19	0.340 ON OCT 1	385 000	1919
1920	---	74.2 ON MAR 27	0.028 ON MAR 3 *	212 000	1920
1921	---	60.7 ON MAR 20	0.028 ON OCT 5	212 000	1921
1922	---	58.4 ON APR 17	0.085 ON SEP 10	248 000	1922
1923	---	57.6 ON APR 14	0.142 ON OCT 3	196 000	1923
1924	---	49.0 ON MAR 29	0.4258 ON DEC 28	285 000	1924
1925	---	68.2 ON MAR 19	0.4258 ON JAN 1	302 000	1925
1926	---	67.4 ON APR 17	---	---	1926
1945	---	---	---	---	1945
1946	---	37.78 ON MAR 9	0.057 ON AUG 8	---	1946
1947	---	78.9 ON APR 9	0.991 ON NOV 5	410 000	1947
1948	---	---	---	---	1948
1949	---	61.2 ON MAR 30	0.028 ON OCT 20	208 000	1949
1950	---	86.3 ON APR 5 *	0.085 ON SEP 18	325 000	1950
1951	---	66.1 ON MAR 31	0.793 ON JUN 18	484 000	1951
1952	---	78.9 ON APR 5	0.198 ON SEP 18	308 000	1952
1953	---	51.8 ON MAR 28	0.311 ON NOV 8	219 000	1953
1954	---	68.5 ON APR 17	0.880 ON SEP 10	352 000	1954
1955	---	77.9 ON OCT 31	0.085 ON AUG 12	386 000	1955
1956	82.9 AT 22:00 EST ON APR 4	67.8 ON APR 16	0.085 ON SEP 10	310 000	1956
1957	50.4 AT 03:00 EST ON FEB 27	26.1 ON FEB 27	0.085 ON SEP 7	148 000	1957
1958	44.7 AT 12:00 EST ON MAR 31	44.5 ON MAR 31	0.255 ON AUG 18	187 000	1958
1959	101 AT 18:30 EST ON APR 2 *	83.3 ON APR 2	0.453 ON AUG 18	280 000	1959
1960	90.0 AT 04:30 EST ON APR 4	84.7 ON APR 4	0.7888 ON DEC 28	286 000	1960
1961	30.0 AT 08:00 EST ON APR 17	29.4 ON APR 17	0.2418 ON JAN 31	186 000	1961
1962	58.9 AT 03:00 EST ON MAR 30	57.2 ON MAR 30	0.453E ON SEP 1	184 000	1962
1963	62.3 AT 01:00 EST ON MAR 27	55.5 ON MAR 27	0.566E ON SEP 21	205 000	1963
1964	31.7 AT 14:00 EST ON APR 15	31.4 ON APR 15	0.320 ON NOV 9	191 000	1964
1965	48.7 AT 20:00 EST ON APR 16	47.8 ON APR 17	0.623 ON AUG 30	306 000	1965
1966	---	38.28 ON DEC 20	0.391 ON AUG 17	271 000	1966
1967	51.5 AT 08:00 EST ON APR 3	49.6 ON APR 3	0.374 ON SEP 7	280 000	1967
1968	53.0 AT 04:00 EST ON SEP 12	44.2 ON MAR 23	0.680 ON JUL 30	295 000	1968
1969	67.7 AT 08:00 EST ON MAR 25	61.7 ON MAR 25	0.521 ON OCT 7	346 000	1969
1970	43.9 AT 12:15 EST ON APR 9	43.6 ON APR 9	0.697 ON SEP 14	242 000	1970
1971	76.7 AT 05:45 EST ON APR 14	75.3 ON APR 14	0.785E ON AUG 12	278 000	1971
1972	74.8 AT 03:40 EST ON APR 16	72.5 ON APR 16	1.04 ON SEP 18	385 000	1972
1973	69.9 AT 22:35 EST ON MAR 17	62.9 ON MAR 18	0.538 ON OCT 17	364 000	1973
1974	---	---	---	---	1974
				288 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	0.144	0.316	0.300	0.317	---	1953
1954	0.092	0.126	0.211	7.83	8.87	1.82	0.080	0.067	0.124	0.217	0.295	0.149	1.83	1954
1955	0.088	0.088	0.107	5.47	1.80	0.225	0.087	0.082	0.307	1.22	2.56	0.746	1.13	1955
1956	0.487	0.351	0.644	10.5	5.77	1.36	0.950	0.169	0.272	0.131	0.704	0.382	1.78	1956
1957	0.211	0.088	0.822	10.4	2.82	1.51	0.655	0.286	0.142	0.327	0.578	0.088	1.44	1957
1958	0.037	0.056	0.309	1.81	0.972	0.813	0.259	0.122	0.805	1.04	1.55	0.820	0.707	1958
1959	0.141	0.081	0.383	2.83	3.88	1.51	0.235	0.421	1.00	1.79	0.818	0.279	1.10	1959
1960	0.208	0.089	0.028	5.18	3.24	0.814	0.151	0.270	0.154	0.449	1.61	0.431	1.13	1960
1961	0.112	0.069	0.698	4.58	2.52	0.887	1.01	0.257	1.67	1.67	2.14	0.548	1.34	1961
1962	0.151	0.142	0.150	3.88	4.29	1.14	1.05	1.50	0.851	0.528	0.584	0.354	1.23	1962
1963	0.114	0.028	0.158	3.75	1.84	5.49	0.347	0.315	0.685	0.885	0.456	0.300	1.18	1963
1964	0.200	0.142	0.113	9.05	8.76	4.47	0.858	0.484	0.491	0.992	0.984	0.382	2.32	1964
1965	0.283	0.283	0.283	9.49	8.75	0.887	0.333	0.270	2.08	3.96	0.775	0.750	2.19	1965
1966	0.447	0.418	1.82	12.1	4.88	0.818	0.126	0.183	0.120	0.322	0.217	0.259	1.77	1966
1967	0.188	0.117	0.491	7.84	3.12	1.46	0.295	0.326	0.158	0.208	0.208	0.112	1.18	1967
1968	0.085	0.087	2.19	4.41	4.18	7.41	8.19	2.80	1.63	3.50	1.46	0.788	2.82	1968
1969	0.553	0.394	0.292	11.3	2.35	1.80	0.322	0.381	0.187	0.416	0.384	0.208	1.62	1969
1970	0.174	0.104	0.081	7.52	10.4	2.21	0.478	0.090	0.146	2.03	4.03	2.11	2.48	1970
1971	0.543	0.044	0.188	16.2	8.15	1.88	0.789	0.221	0.331	3.12	5.31	1.17	3.17	1971
1972	0.387	0.114	0.265	8.40	8.38	2.34	1.84	0.352	0.484	0.880	0.839	0.084	1.88	1972
1973	0.170	0.182	3.76	4.40	3.05	2.35	2.47	3.53	4.83	2.85	5.00	0.843	2.78	1973
1974	0.185	0.185	0.178	9.03	7.28	3.23	0.738	0.313	0.777	1.21	1.79	0.578	2.12	1974
1975	0.601	0.485	0.448	7.34	2.78	1.18	0.348	0.081	0.218	0.380	0.845	0.401	1.25	1975
1976	0.193	0.118	0.118	13.8	1.74	1.81	0.187	0.088	0.062	0.085	0.088	0.048	1.45	1976
1977	0.033	0.030	0.178	0.572	0.420	0.432	0.267	0.788	13.3	3.74	2.05	0.575	1.88	1977
1978	0.307	0.150	0.153	8.14	4.10	2.84	0.798	0.185	0.143	0.282	0.184	0.088	1.28	1978
1979	0.079	0.063	0.134	9.62	8.17	1.87	0.126	0.072	0.251	0.404	0.883	0.188	1.78	1979
1980	0.115	0.087	0.078	4.84	1.42	0.238	0.353	0.388	4.46	2.28	1.26	0.411	1.32	1980
1981	0.229	0.306	1.24	9.62	3.28	4.46	0.712	0.122	0.192	1.25	0.879	0.180	1.88	1981
1982	0.122	0.123	0.172	6.23	4.61	1.74	4.88	2.00	1.37	8.15	5.03	0.628	2.77	1982
1983	0.278	0.239	2.20	8.78	3.81	2.55	1.18	0.434	0.528	2.18	2.73	0.838	1.88	1983
1984	0.444	0.386	0.364	5.08	4.14	3.48	1.31	1.05	1.37	1.30	1.13	1.32	1.78	1984
1985	0.281	0.092	0.185	4.13	4.81	3.98	1.84	2.83	5.41	5.12	2.16	0.815	2.83	1985
1986	0.332	0.228	0.642	12.6	4.26	1.08	0.785	0.519	0.582	0.882	1.58	0.332	1.88	1986
1987	0.186	0.155	0.218	1.33	1.21	0.806	0.162	0.558	0.781	0.820	0.854	0.170	0.588	1987
1988	0.080	0.048	0.117	1.48	1.67	0.538	0.132	0.502	0.648	0.763	2.73	0.405	0.762	1988
MEAN	0.238	0.181	0.537	7.02	4.25	2.01	0.818	0.633	1.30	1.48	1.61	0.497	1.72	MEAN

LOCATION - LAT 48 22 56 N, LONG 89 18 28 W
DRAINAGE AREA, 187 km^2
NATURAL FLOW

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	52.4 AT 00:30 CST ON MAY 2	38.2 ON MAY 2	0.028 ON JUL 31	61 300	1954
1955	---	16.8 ON APR 11	0.011 ON SEP 8	35 700	1955
1956	---	19.1 ON APR 21	0.057 ON AUG 18	58 800	1956
1957	36.8 A AT 14:00 CST ON APR 25	34.3 A ON APR 25	0.028B ON FEB 5	45 400	1957
1958	7.53E AT 01:00 CST ON NOV 19	6.80E ON NOV 16	0.028B ON JAN 1	22 300	1958
1959	8.75 AT 10:30 CST ON MAY 22	8.44 ON MAY 22	0.042B ON FEB 22	34 500	1959
1960	---	21.0 A ON APR 15	0.028B ON FEB 24	35 800	1960
1961	---	9.66A ON APR 22	0.057B ON JAN 24	42 400	1961
1962	---	10.5 ON APR 29	0.142B ON JAN 11	36 800	1962
1963	---	22.6 ON JUN 11	0.028B ON FEB 1	37 100	1963
1964	---	29.2 A ON MAY 7	0.113B ON MAR 1	73 400	1964
1965	25.5 AT 12:00 CST ON OCT 1	24.4 ON OCT 1	0.170 ON JUL 30	88 000	1965
1966	26.9 B AT 23:50 CST ON APR 16	23.7 B ON APR 16	0.076 ON JUL 17	55 800	1966
1967	---	16.5 A ON APR 17	0.028B ON DEC 31	37 200	1967
1968	73.6 E AT 18:30 CST ON JUL 16	49.3 E ON JUL 16	0.013B ON FEB 24	92 400	1968
1969	---	33.4 B ON APR 14	0.085 ON AUG 31	46 000	1969
1970	26.4 AT 21:30 CST ON APR 30	25.7 ON APR 30	0.028E ON AUG 19	77 700	1970
1971	74.8 AT 01:23 CST ON MAY 25 *	64.6 ON MAY 25 *	0.016B ON FEB 25	100 000	1971
1972	32.3 AT 01:34 CST ON APR 27	27.9 ON APR 29	0.025B ON DEC 15	58 800	1972
1973	40.5 AT 04:47 CST ON AUG 20	33.1 ON AUG 20	0.025B ON MAR 6	87 100	1973
1974	31.4 B AT 22:22 CST ON APR 17	27.5 B ON APR 18	0.116B ON APR 8	58 800	1974
1975	---	17.5 B ON APR 18	0.082 ON AUG 13	38 400	1975
1976	55.8 AT 05:00 CST ON APR 17	45.3 ON APR 17	0.034 ON AUG 29	45 000	1976
1977	74.2 E AT 11:30 EST ON SEP 8	60.0 ON SEP 25	0.028B ON FEB 11	58 500	1977
1978	---	16.5 ON APR 28	0.085 ON SEP 12	39 800	1978
1979	44.3 AT 07:30 EST ON MAY 11	41.6 ON MAY 11	0.006 ON SEP 19 *	58 100	1979
1980	18.4 AT 14:52 EST ON SEP 20	16.5 ON SEP 20	0.046 ON JUL 13	41 700	1980
1981	---	21.0 B ON APR 2	0.077 ON AUG 28	58 800	1981
1982	30.1 AT 10:33 EST ON JUL 7	28.6 ON JUL 7	0.117B ON FEB 11	87 300	1982
1983	16.8 AT 23:56 EST ON APR 28	16.5 ON APR 26	0.106 ON AUG 28	62 300	1983
1984	10.8 AT 21:21 EST ON MAY 9	10.4 ON MAY 9	0.242 ON SEP 27	56 300	1984
1985	15.3 AT 13:05 EST ON JUN 23	14.2 ON JUN 23	0.082B ON FEB 27	82 800	1985
1986	23.4 AT 01:07 EST ON APR 3	21.1 ON APR 3	0.189B ON MAR 11	81 800	1986
1987	2.83 AT 02:46 EST ON MAY 24	2.75 ON MAY 23	0.058B ON DEC 31	16 800	1987
1988	---	12.3 ON NOV 17	0.046B ON JAN 18	23 800	1988
				64 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1880	5 850	5 280	5 570	6 820	7 180	7 110	6 940	6 810	6 880	6 480	6 880	6 570	6 780	1880
1881	5 230	5 880	6 230	6 820	7 180	7 140	6 970	6 880	6 910	6 940	6 940	6 850	6 750	1881
1882	5 770	6 400	6 540	7 080	7 310	7 220	7 220	7 020	6 910	6 710	6 800	6 850	6 870	1882
1883	6 800	6 820	6 820	6 820	6 880	6 880	6 630	6 880	6 430	6 230	6 340	6 280	6 630	1883
1884	5 890	5 830	6 000	6 280	6 850	6 740	6 460	6 400	6 290	6 170	6 230	6 290	6 290	1884
1885	5 830	5 300	5 950	5 950	6 310	6 370	6 260	6 170	6 140	6 090	6 000	6 030	6 000	1885
1886	5 880	6 440	5 720	6 000	6 280	6 430	6 340	6 280	6 170	6 230	6 230	6 400	6 100	1886
1887	6 030	5 880	5 970	6 120	6 540	6 740	6 540	6 310	6 090	5 870	6 030	5 750	6 180	1887
1888	5 440	5 070	5 470	5 920	6 310	6 570	6 400	6 230	6 120	5 920	5 890	5 780	5 930	1888
1889	5 580	5 380	5 750	5 860	6 230	6 400	6 570	6 570	6 340	6 400	6 140	6 400	6 140	1889
1870	6 370	6 370	6 280	6 630	6 850	6 800	6 740	6 710	6 800	6 480	6 480	6 400	6 550	1870
1871	6 080	5 720	6 080	6 280	6 570	6 540	6 480	6 370	6 280	5 950	6 000	5 780	6 180	1871
1872	5 550	5 240	5 240	5 300	5 680	6 830	5 750	5 750	5 680	5 840	5 810	5 520	5 550	1872
1873	5 240	5 100	5 210	5 820	6 480	6 480	6 370	6 340	6 140	6 030	6 080	6 370	5 880	1873
1874	6 430	6 310	6 400	6 430	6 570	6 570	6 510	6 400	6 170	5 970	5 890	5 800	6 290	1874
1875	6 470	5 210	5 350	5 520	5 920	6 120	6 140	6 140	6 120	5 890	5 970	6 170	5 840	1875
1876	6 850	6 140	6 630	6 910	7 220	7 250	7 080	6 910	6 850	6 570	6 820	6 850	6 750	1876
1877	6 140	5 950	5 830	6 030	6 280	6 290	6 370	6 280	6 290	6 140	6 280	6 370	6 190	1877
1878	6 230	6 170	6 290	6 480	6 770	6 710	6 630	6 480	6 480	6 310	6 370	6 480	6 450	1878
1879	6 030	5 780	5 830	6 000	6 170	6 200	6 140	6 000	5 830	5 800	5 890	5 890	5 890	1879
1880	6 000	5 880	6 030	6 080	6 310	6 340	6 340	6 170	6 080	5 950	6 080	5 920	6 100	1880
1881	5 470	5 380	5 840	5 950	6 310	6 480	6 340	6 120	5 950	6 030	6 080	6 280	6 000	1881
1882	6 400	6 230	6 800	6 650	6 880	6 940	6 880	6 770	6 650	6 480	6 430	6 140	6 590	1882
1883	6 890	6 880	6 080	6 080	6 480	6 850	6 910	6 880	6 740	6 830	6 570	6 630	6 470	1883
1884	6 230	6 230	6 400	6 680	6 970	6 970	6 740	6 660	6 430	6 310	6 170	6 170	6 500	1884
1885	5 890	5 610	5 550	6 000	6 570	6 880	6 770	6 800	6 740	6 770	6 880	6 880	6 480	1885
1886	5 710	5 080	6 000	6 510	6 800	6 820	6 740	6 800	6 480	6 430	6 430	6 430	6 510	1886
1887	6 080	6 230	6 880	6 650	6 880	6 880	6 650	6 430	6 280	6 340	6 080	6 080	6 430	1887
1888	5 920	5 820	5 840	6 030	6 200	6 280	6 290	6 230	6 080	5 950	6 920	6 120	6 010	1888
1889	5 890	5 780	5 580	5 780	6 970	6 230	6 120	6 120	5 890	5 810	5 840	6 830	6 870	1889
1880	6 120	6 000	6 230	6 370	6 880	6 850	6 540	6 280	6 080	6 080	6 280	6 120	6 300	1880
1881	5 800	5 780	5 920	5 970	5 920	6 830	6 830	6 680	6 580	6 410	6 410	6 470	6 710	1881
1882	5 300	4 840	5 070	5 320	5 920	6 370	6 400	6 170	6 080	5 480	5 720	6 680	5 730	1882
1883	5 100	5 040	5 300	5 680	6 230	6 400	6 230	5 830	5 780	5 720	5 720	5 720	5 730	1883
1884	5 810	5 380	5 520	5 810	5 950	6 230	6 000	5 720	5 680	5 680	5 840	6 480	5 710	1884
1885	5 350	4 870	4 930	5 010	5 320	5 320	5 180	5 130	5 180	5 070	4 810	5 040	5 100	1885
1886	4 980	4 870	4 780	5 070	5 440	5 380	5 380	5 580	5 320	5 180	5 270	5 180	5 200	1886
1887	5 270	4 980	5 380	5 680	6 030	5 950	5 830	5 780	5 610	5 380	5 410	5 410	5 580	1887
1888	5 350	5 300	5 840	5 970	6 140	6 120	6 680	6 830	6 880	5 840	5 880	5 720	5 740	1888
1889	5 810	5 180	5 520	5 580	5 880	5 920	5 780	5 680	5 480	5 270	5 350	5 810	5 580	1889
1900	5 380	5 300	5 480	5 680	5 880	5 880	5 750	5 720	5 610	5 380	5 580	5 820	5 590	1900
1901	5 380	4 870	4 900	4 980	5 150	5 410	5 410	5 320	5 380	5 300	5 270	5 270	5 220	1901
1902	5 180	4 780	4 880	5 300	5 520	5 840	5 950	5 920	5 750	5 830	5 720	5 880	5 520	1902
1903	5 580	5 380	5 890	6 120	6 230	6 230	6 120	5 950	5 920	5 830	5 880	5 880	5 880	1903
1904	4 880	5 100	5 520	5 140	5 480	5 570	5 400	5 230	5 080	5 070	5 830	5 750	5 920	1904
1905	5 380	5 070	5 210	5 470	5 920	6 230	6 310	6 200	6 120	6 030	5 800	5 920	5 810	1905
1906	5 780	5 490	5 440	5 640	5 860	5 950	5 950	5 880	5 780	5 780	5 880	5 870	5 780	1906
1907	6 170	6 830	5 780	5 970	6 200	6 310	6 430	6 170	6 120	6 080	6 030	6 080	6 100	1907
1908	6 080	5 720	5 950	6 340	6 570	6 480	6 340	6 230	5 870	5 680	5 890	5 840	6 080	1908
1909	5 240	5 270	5 470	5 810	6 200	6 280	6 200	5 870	5 780	5 680	5 440	5 720	5 730	1909
1910	5 150	4 830	5 350	5 950	6 000	5 950	5 800	5 640	5 440	5 580	5 520	5 250	5 530	1910
1911	5 100	4 870	5 040	5 150	5 950	5 520	5 410	5 240	5 130	5 240	5 550	5 440	5 270	1911
1912	5 270	4 870	4 980	5 840	5 970	5 980	5 780	5 630	5 850	5 750	5 850	6 000	5 630	1912
1913	5 780	5 920	5 880	6 710	6 820	6 880	6 480	6 200	5 850	5 780	5 920	6 880	6 180	1913
1914	5 810	5 410	5 210	5 840	6 140	6 170	5 950	5 800	5 690	5 550	5 810	5 320	5 880	1914
1915	4 880	4 880	5 180	5 070	5 380	6 410	5 490	5 860	5 840	5 640	5 810	5 410	5 370	1915
1916	5 610	5 610	5 440	5 800	6 200	6 340	6 200	6 000	5 830	5 690	5 580	5 580	5 820	1916
1917	5 380	5 100	5 380	5 800	6 230	6 540	6 850	6 610	6 280	6 280	6 280	6 140	6 050	1917
1918	5 520	5 270	5 880	5 850	5 850	5 720	6 630	5 780	5 720	5 800	5 890	5 880	5 880	1918
1919	5 880	5 840	5 780	6 090	6 540	6 510	6 280	6 170	5 970	5 780	5 880	6 880	6 010	1919
1920	5 040	4 870	4 840	5 150	5 880	5 750	5 780	5 720	5 880	5 810	5 610	5 800	5 440	1920
1921	5 520	5 320	5 520	5 880	6 120	6 000	5 920	5 840	5 880	5 380	5 270	5 880	5 850	1921
1922	5 270	4 800	5 010	5 750	5 820	5 870	5 780	5 680	5 550	5 440	5 350	5 130	5 480	1922
1923	4 830	4 730	4 930	5 130	5 410	5 520	5 300	5 210	5 070	4 980	4 930	5 210	5 120	1923
1924	5 470	4 900	4 880	5 270	5 880	5 880	5 880	5 490	5 380	5 350	5 300	5 180	5 380	1924
1925	4 980	4 900	4 840	4 930	5 130	5 040	4 930	4 840	4 780	4 810	4 930	4 800	4 850	1925
1926	4 150	3 880	4 400	4 780	4 740	5 110	4 850	4 800	4 850	5 350	5 670	5 270	4 850	1926
1927	4 920	4 840	4 940	5 220	5 810	5 810	5 350	5 270	5 110	5 140	5 740	5 270	5 270	1927
1928	5 470	5 100	5 180	5 270	5 680	5 830	5 900	5 740	5 600	5 600	5 810	5 670	5 530	1928
1929	5 460	5 380	5 810	6 420	7 040	6 910	6 820	6 850	6 280	6 080	6 340	6 110	6 270	1929
1930	5 300	5 080	5 410	5 210	5 880	5 860	5 380	5 040	5 860	5 710	5 620	5 800	5 130	1930
1931	5 250	4 850	4 810	5 080	5 200	5 180	5 170	5 080	5 000	4 900	4 880	4 830	5 040	1931
1932	5 380	5 480	5 230	5 250	5 400	5 370	5 300	5 080	4 880	4 780	4 720	4 820	5 140	1932
1933	4 840	4 880	4 580	4 850	5 520	5 500	5 180	4 980	4 820	4 710	4 810	4 800	4 810	1933
1934	4 420	4 020	4 130	4 480	4 830	4 470	4 380	4 370	4 340	4 320	4 180	4 280	4 330	1934
1935	4 200	4 080	4 270	4 380	4 840	4 730	4 880	4 750	4 880	4 470	4 410	4 420	4 470	1935
1936	4 020	3 320	4 480	4 880	4 880	4 870	4 800	4 650	4 550	4 870	4 780	4 800	4 840	1936
1937	5 000	5 240	5 080	5 290	5 880	5 880	5 850	5 820	5 380	5 120	5 070	4 920	5 320	1937
1938	4 480	4 580	5 080	5 470	5 880	5 810	5 480	5 370	5 330	5 180	5 210	5 180	5 230	1938
1939	4 850	4 740	5 070	5 240	5 800	5 870	5 520	5 520	5 280	5 230	5 080	5 170	5 280	1939
1940	4 820	4 630	4 780	5 280	5 370	5 840	5 520	5 280	5 380	5 140	5 270	5 300	5 170	1940
1941	5 280	5 140	5 000	5 080	5 140	5 120	5 080	5 000	4 920	4 630	5 010	4 850	5 040	1941
1942	4 570	4 580	4 850	5 340	5 610	5 880	5 820	5 630	5 570	5 480	5 600	5 630	5 380	1942
1943	5 250	5 440	5 540	5 580	5 280	5 730	5 570	5 480	5 250	5 850	6 010	5 900	5 000	1943
1944	5 400	5 310	5 430	5 810	6 180	6 280	6 050	5 850	5 750	5 570	5 420	5 530	5 720	1944
1945	4 880	5 110	5 640	5 900	6 180	6 220	5 180	5 150	6 010	5 380	6 120	6 070	5 820	1945
1946	5 670	5 530	5 780	5 910	5 910	6 130	6 050	5 890	5 700	5 550	5 830	5 800	5 800	1946
1947	5 370	5 080	5 330	5 280	6 300	6 900	6 820	6 350	6 270	5 900	5 850	5 830	5 940	1947
1948	5 520	5 480	5 670	6 320	6 580	6 480	6 280	6 130	5 840	5 880	5 720	5 580	5 980	1948
1949	5 710	5 780	5 740	5 810	5 790	5 840	5 640	5 410	5 380	5 140	5 110	5 120	5 810	1949
1950	5 580	5 680	5 740	5 880	6 210	6 130	5 860	5 880	5 580	5 530	5 870	5 880	5 790	1950
1951	5 830	5 710	5 880	6 470	6 580	6 470	6 280	6 110	6 000	5 880	6 020	6 170	6 120	1951
1952	6 490	6 610	6 780	7 040	7 130	6 860	6 810	6 510	6 470	6 220	6 030	6 100	6 570	1952
1953	6 080	6 280	6 280	6 380	6 390	6 350	6 280	6 250	6 120	5 810	5 810	6 080	6 170	1953
1954	5 590	5 540	5 980	6 370	6 510	6 270	6 040	6 080	5 970	6 240	6 340	6 240	6 110	1954

CONTINUED

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---	214 000 000	1880
1881	---	---	---	213 000 000	1881
1882	---	---	---	217 000 000	1882
1883	---	---	---	209 000 000	1883
1884	---	---	---	199 000 000	1884
1885	---	---	---	189 000 000	1885
1886	---	---	---	193 000 000	1886
1887	---	---	---	194 000 000	1887
1888	---	---	---	188 000 000	1888
1889	---	---	---	194 000 000	1889
1870	---	---	---	207 000 000	1870
1871	---	---	---	195 000 000	1871
1872	---	---	---	178 000 000	1872
1873	---	---	---	188 000 000	1873
1874	---	---	---	198 000 000	1874
1875	---	---	---	184 000 000	1875
1876	---	---	---	214 000 000	1876
1877	---	---	---	195 000 000	1877
1878	---	---	---	203 000 000	1878
1879	---	---	---	188 000 000	1879
1880	---	---	---	193 000 000	1880
1881	---	---	---	189 000 000	1881
1882	---	---	---	208 000 000	1882
1883	---	---	---	204 000 000	1883
1884	---	---	---	208 000 000	1884
1885	---	---	---	203 000 000	1885
1886	---	---	---	205 000 000	1886
1887	---	---	---	203 000 000	1887
1888	---	---	---	180 000 000	1888
1889	---	---	---	185 000 000	1889
1890	---	---	---	189 000 000	1890
1891	---	---	---	180 000 000	1891
1892	---	---	---	181 000 000	1892
1893	---	---	---	181 000 000	1893
1894	---	---	---	180 000 000	1894
1895	---	---	---	181 000 000	1895
1896	---	---	---	184 000 000	1896
1897	---	---	---	178 000 000	1897
1898	---	---	---	181 000 000	1898
1899	---	---	---	178 000 000	1899
1900	---	---	---	178 000 000	1900
1901	---	---	---	185 000 000	1901
1902	---	---	---	174 000 000	1902
1903	---	---	---	185 000 000	1903
1904	---	---	---	187 000 000	1904
1905	---	---	---	183 000 000	1905
1906	---	---	---	182 000 000	1906
1907	---	---	---	182 000 000	1907
1908	---	---	---	182 000 000	1908
1909	---	---	---	181 000 000	1909
1910	---	---	---	174 000 000	1910
1911	---	---	---	188 000 000	1911
1912	---	---	---	178 000 000	1912
1913	---	---	---	184 000 000	1913
1914	---	---	---	179 000 000	1914
1915	---	---	---	188 000 000	1915
1916	---	---	---	184 000 000	1916
1917	---	---	---	181 000 000	1917
1918	---	---	---	178 000 000	1918
1919	---	---	---	180 000 000	1919
1920	---	---	---	172 000 000	1920
1921	---	---	---	178 000 000	1921
1922	---	---	---	173 000 000	1922
1923	---	---	---	181 000 000	1923
1924	---	---	---	170 000 000	1924
1925	---	---	---	183 000 000	1925
1926	---	8 540 ON DEC 18	3 570 ON JAN 8	183 000 000	1926
1927	---	7 390 ON DEC 8	3 280 ON FEB 20	186 000 000	1927
1928	---	7 220 ON JAN 20	4 450 ON FEB 2	178 000 000	1928
1929	---	8 440 ON MAY 3	4 420 ON JAN 18	198 000 000	1929
1930	---	7 590 ON JAN 15	5 150 ON DEC 4	193 000 000	1930
1931	---	8 830 ON JAN 13	4 250 ON DEC 31	159 000 000	1931
1932	---	8 800 ON MAR 7	4 080 ON OCT 18	163 000 000	1932
1933	---	8 720 ON MAY 27	3 680 ON FEB 12	155 000 000	1933
1934	---	8 150 ON DEC 4	3 800 ON JAN 4	137 000 000	1934
1935	---	8 410 ON OCT 3	3 480 ON FEB 8	141 000 000	1935
1936	---	8 720 ON MAR 27	2 780 ON FEB 7	144 000 000	1936
1937	---	8 600 ON JUL 28	4 130 ON JAN 8	168 000 000	1937
1938	---	8 830 ON DEC 27	3 480 ON JAN 18	185 000 000	1938
1939	---	8 230 ON JUN 12	3 800 ON JAN 30	186 000 000	1939
1940	---	8 880 ON NOV 12	3 810 ON JAN 24	184 000 000	1940
1941	---	8 230 ON JAN 6	4 190 ON NOV 6	159 000 000	1941
1942	---	7 220 ON DEC 3	3 820 ON JAN 13	168 000 000	1942
1943	---	8 940 ON OCT 17	3 880 ON JAN 22	168 000 000	1943
1944	---	8 880 ON JUN 24	4 470 ON MAR 4	181 000 000	1944
1945	---	7 340 ON OCT 2	3 820 ON JAN 7	167 000 000	1945
1946	---	8 880 ON JAN 13	4 870 ON FEB 19	183 000 000	1946
1947	---	7 380 ON JUN 15	3 980 ON APR 21	167 000 000	1947
1948	---	7 280 ON MAY 8	4 870 ON JAN 28	188 000 000	1948
1949	---	8 740 ON JAN 8	4 470 ON NOV 12	174 000 000	1949
1950	---	8 880 ON JAN 14	4 700 ON FEB 13	183 000 000	1950
1951	---	7 870 ON DEC 22	4 840 ON JAN 26	193 000 000	1951
1952	---	7 730 ON JAN 23	5 490 ON NOV 22	208 000 000	1952
1953	---	7 380 ON MAR 8	5 240 ON JAN 8	195 000 000	1953
1954	---	7 250 ON OCT 16	4 840 ON JAN 23	193 000 000	1954

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NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	5 450	5 180	5 580	5 780	5 730	5 480	5 180	5 120	5 880	5 940	5 070	5 800	5 280	1955
1956	5 280	5 170	5 450	5 780	5 300	5 180	5 020	5 080	5 080	5 630	5 640	5 520	5 780	1956
1957	5 480	5 280	5 380	5 850	5 830	5 880	6 010	5 710	5 630	5 320	5 500	5 480	5 820	1957
1958	5 400	5 000	5 090	5 180	5 180	5 180	5 280	5 280	5 180	5 030	5 080	4 880	5 140	1958
1959	4 710	4 880	5 220	5 400	5 800	5 580	5 310	5 130	4 950	5 080	5 220	5 210	5 180	1959
1960	5 510	5 450	5 280	5 570	5 830	6 030	5 940	5 740	5 870	5 530	5 640	5 480	5 650	1960
1961	5 120	5 180	5 460	5 920	5 380	6 250	6 010	5 880	5 820	5 520	5 380	5 480	5 700	1961
1962	5 000	4 850	5 270	5 380	5 530	5 310	5 190	5 130	5 050	5 070	4 880	5 180	5 150	1962
1963	4 710	4 440	4 880	5 060	5 280	5 270	5 010	4 800	4 550	4 440	4 580	4 630	4 830	1963
1964	3 980	3 980	4 820	4 920	5 190	5 080	4 800	4 700	4 590	4 480	4 330	4 270	4 580	1964
1965	4 380	4 570	4 820	4 910	5 110	5 200	4 980	4 840	4 610	4 940	4 880	4 820	4 870	1965
1966	4 980	5 080	5 280	5 290	5 630	5 870	5 440	5 370	5 180	5 050	4 880	5 430	5 270	1966
1967	5 380	5 280	5 200	5 880	5 850	5 800	5 590	5 490	5 330	5 500	5 640	5 630	5 610	1967
1968	5 470	5 100	5 820	5 950	6 000	6 070	6 060	5 890	5 800	5 720	5 800	5 820	5 880	1968
1969	5 870	5 920	6 000	6 140	6 710	6 710	6 610	6 520	6 290	6 180	6 050	6 010	6 230	1969
1970	5 580	5 880	5 720	6 040	6 200	6 180	6 180	5 950	5 870	5 850	5 000	6 050	5 840	1970
1971	6 020	5 850	6 140	6 140	6 140	6 400	6 080	5 880	5 830	5 880	5 880	5 870	6 030	1971
1972	6 120	5 850	6 280	6 380	6 880	6 700	6 870	6 630	6 410	6 490	6 870	7 000	6 480	1972
1973	6 870	6 700	7 180	7 540	7 480	7 430	7 330	7 030	6 740	6 570	6 630	6 880	7 020	1973
1974	6 590	6 750	7 180	7 550	7 580	7 300	7 080	6 750	6 540	6 380	6 410	6 620	6 890	1974
1975	6 770	6 680	6 780	7 100	6 980	6 880	6 630	6 630	6 770	6 580	6 550	6 480	6 780	1975
1976	6 330	6 500	7 170	7 350	7 280	7 010	6 880	6 880	6 840	6 420	6 380	6 880	6 720	1976
1977	6 550	6 440	6 780	6 130	6 480	6 320	6 200	6 230	6 270	6 180	6 110	6 450	6 190	1977
1978	6 920	6 830	6 180	6 680	6 700	6 770	6 280	6 220	5 950	5 880	5 750	6 880	6 190	1978
1979	6 890	6 890	6 980	6 400	6 820	6 830	6 430	6 520	6 390	6 490	6 350	6 500	6 300	1979
1980	6 530	6 200	6 420	6 900	6 920	6 880	6 780	6 790	6 710	6 500	6 130	6 100	6 570	1980
1981	6 730	6 840	6 080	6 080	6 390	6 800	6 430	6 420	6 500	6 390	6 380	6 280	6 280	1981
1982	6 220	6 920	6 480	6 800	6 880	6 780	6 330	6 250	6 980	6 880	6 170	6 350	6 280	1982
1983	6 380	6 150	6 230	6 530	6 810	6 510	6 610	6 720	6 480	6 240	6 330	6 880	6 470	1983
1984	6 020	6 220	6 840	6 780	6 880	6 830	6 580	6 480	6 280	6 230	6 320	6 280	6 430	1984
1985	6 240	6 720	6 840	7 480	7 380	7 270	6 880	6 880	6 880	6 480	6 820	7 410	6 820	1985
1986	6 420	6 880	7 320	7 300	7 800	7 610	7 610	7 190	6 880	7 220	7 030	7 330	7 170	1986
1987	7 240	6 900	6 880	7 180	6 980	6 830	6 900	6 840	6 880	6 380	6 140	6 370	6 780	1987
1988	6 140	6 100	6 140	6 220	6 280	6 040	6 740	6 880	6 810	6 630	6 880	6 700	6 930	1988
MEAN	6 800	6 450	6 880	6 920	6 170	6 200	6 080	6 980	6 880	6 760	6 770	6 780	6 880	MEAN

LOCATION - LAT 43 09 25 N
LONG 79 02 50 W

DRAINAGE AREA, 686 000 km²
REGULATED SINCE 1968

DATA CONTRIBUTED BY - INTERNATIONAL NIAGARA COMMITTEE

REMARKS - DAILY DISCHARGES PRIOR TO 1926 ARE NOT AVAILABLE. DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	8 470 ON NOV 17	5 320 ON FEB 2	197 000 000	1955
1956	---	6 680 ON MAY 14	4 580 ON JAN 8	182 000 000	1956
1957	---	7 280 ON NOV 9	4 780 ON APR 4	177 000 000	1957
1958	---	6 280 ON JAN 1	4 330 ON NOV 16	182 000 000	1958
1959	---	6 120 ON JAN 22	4 180 ON JAN 7	164 000 000	1959
1960	---	6 830 ON NOV 30	4 330 ON MAR 3	178 000 000	1960
1961	---	8 650 ON APR 28	4 330 ON JAN 15	180 000 000	1961
1962	---	5 140 ON JAN 7	3 980 ON JAN 13	163 000 000	1962
1963	---	6 880 ON JAN 14	3 820 ON JAN 28	152 000 000	1963
1964	---	5 580 ON MAR 26	2 440 ON JAN 12 *	145 000 000	1964
1965	---	6 920 ON NOV 27	3 540 ON JAN 18	154 000 000	1965
1966	---	6 310 ON DEC 29	4 050 ON JAN 29	168 000 000	1966
1967	---	8 400 ON DEC 22	4 260 ON FEB 18	174 000 000	1967
1968	---	7 830 ON DEC 5	4 580 ON JAN 13	185 000 000	1968
1969	---	7 180 ON JUN 3	4 470 ON JAN 5	198 000 000	1969
1970	---	7 380 ON NOV 23	4 840 ON JAN 11	188 000 000	1970
1971	---	7 280 ON JAN 27	4 870 ON OCT 24	190 000 000	1971
1972	---	8 070 ON DEC 16	4 980 ON FEB 5	205 000 000	1972
1973	---	8 330 ON MAR 18	5 720 ON JAN 13	221 000 000	1973
1974	---	8 330 ON APR 16	4 980 ON DEC 1	217 000 000	1974
1975	---	8 330 ON FEB 26	5 320 ON OCT 16	213 000 000	1975
1976	---	8 010 ON MAR 7	4 730 ON DEC 25	213 000 000	1976
1977	---	7 450 ON DEC 8	5 100 ON JAN 8	193 000 000	1977
1978	---	8 010 ON JAN 10	5 010 ON JAN 14	195 000 000	1978
1979	---	7 780 ON APR 6	4 800 ON FEB 25	199 000 000	1979
1980	---	7 880 ON JAN 12	5 440 ON DEC 28	208 000 000	1980
1981	---	7 140 ON SEP 10	5 070 ON APR 12	197 000 000	1981
1982	---	8 300 ON JAN 11	5 210 ON OCT 10	198 000 000	1982
1983	---	7 840 ON DEC 24	5 130 ON FEB 12	204 000 000	1983
1984	---	7 280 ON MAR 23	5 320 ON JAN 1	203 000 000	1984
1985	---	9 780 ON DEC 2 *	4 880 ON JAN 28	215 000 000	1985
1986	---	8 360 ON DEC 4	5 370 ON JAN 7	228 000 000	1986
1987	---	8 070 ON JAN 12	5 670 ON NOV 1	213 000 000	1987
1988	---	6 880 ON JAN 5	4 820 ON DEC 11	187 000 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		29 800 000	MEAN

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	505	557	513	430	309	344	380	---	1950
1951	388	480	499	535	316	423	323	322	287	370	327	422	388	1951
1952	441	440	505	507	302	281	318	284	298	322	318	288	358	1952
1953	284	288	298	370	274	328	430	348	333	328	328	365	323	1953
1954	447	495	495	455	508	556	537	471	333	331	398	416	453	1954
1955	438	442	485	408	404	342	322	324	348	348	348	341	378	1955
1956	371	378	320	304	269	372	333	325	314	318	342	338	332	1956
1957	318	336	335	328	289	305	493	387	348	333	388	368	351	1957
1958	387	381	330	288	318	344	383	413	380	353	384	435	385	1958
1959	471	481	482	387	327	339	421	331	387	380	388	387	390	1959
1960	381	388	330	334	332	300	293	318	320	343	312	308	328	1960
1961	309	281	284	318	305	352	328	380	344	312	328	314	317	1961
1962	333	338	339	308	289	285	247	237	261	284	272	287	288	1962
1963	307	312	288	298	277	346	321	386	400	380	348	310	331	1963
1964	333	380	388	387	483	538	571	587	507	557	581	596	489	1964
1965	487	447	437	386	342	372	357	380	354	323	344	321	378	1965
1966	331	341	385	377	378	494	562	418	384	404	388	330	397	1966
1967	341	342	368	367	275	281	273	306	325	331	280	287	311	1967
1968	288	331	344	367	334	474	568	512	414	433	414	436	410	1968
1969	459	532	583	517	510	585	570	526	498	418	408	400	497	1969
1970	402	417	423	430	403	410	387	388	385	434	556	500	427	1970
1971	527	551	546	544	508	549	482	423	402	383	434	421	478	1971
1972	488	510	512	495	408	413	400	403	390	392	409	384	425	1972
1973	284	288	222	232	228	287	238	288	258	240	228	224	248	1973
1974	228	287	278	278	388	583	587	497	409	389	392	438	389	1974
1975	438	438	443	438	438	425	380	385	431	402	384	303	388	1975
1976	318	348	361	370	328	323	322	328	330	378	418	316	344	1976
1977	253	238	228	188	227	280	188	222	173	286	348	384	251	1977
1978	392	381	328	315	181	328	348	282	289	218	302	383	311	1978
1979	402	383	373	388	298	384	311	343	314	342	298	321	338	1979
1980	372	394	480	385	288	301	293	381	285	293	158	188	304	1980
1981	281	352	358	344	302	280	288	228	239	191	158	148	280	1981
1982	120	118	120	125	138	182	201	224	284	318	385	390	218	1982
1983	378	388	372	382	283	282	181	187	188	323	341	321	287	1983
1984	388	388	383	341	278	389	384	387	388	341	339	284	341	1984
1985	381	384	378	321	282	333	278	428	428	588	508	582	388	1985
1986	456	448	481	372	331	388	388	338	318	284	283	317	380	1986
1987	324	298	313	280	120	118	188	188	174	211	148	188	208	1987
1988	320	380	318	137	198	144	138	227	334	588	423	404	288	1988
MEAN	381	374	378	351	317	388	388	384	337	382	348	348	382	MEAN

LOCATION - LAT 49 18 28 N, LONG 88 18 40 W

DRAINAGE AREA, 24 800 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	547 ON APR 28	182 ON SEP 3	12 200 000	1951
1952	---	532 ON APR 3	140 ON DEC 25	11 300 000	1952
1953	---	518 ON JUL 14	188 ON JAN 1	10 200 000	1953
1954	---	600 ON JUN 28	217 ON OCT 3	14 300 000	1954
1955	---	538 ON JAN 21	143 ON SEP 5	12 000 000	1955
1956	---	524 ON JUN 15	148 ON SEP 3	10 500 000	1956
1957	---	585 ON JUL 17	117 ON JUN 18	11 100 000	1957
1958	---	537 ON DEC 10	80.7 ON JUL 1	11 500 000	1958
1959	---	567 ON MAR 10	140 ON MAY 24	12 300 000	1959
1960	---	436 ON FEB 10	87.8 ON DEC 25	10 300 000	1960
1961	---	439 ON APR 13	105 ON FEB 25	10 000 000	1961
1962	---	433 ON JAN 17	88.7 ON JUL 2	9 020 000	1962
1963	---	498 ON JUN 20	105 ON JAN 1	10 500 000	1963
1964	---	640 ON AUG 23 *	136 ON JAN 1	15 500 000	1964
1965	---	575 ON JAN 3	85.8 ON SEP 6	11 800 000	1965
1966	---	614 ON JUL 31	113 ON JAN 1	12 500 000	1966
1967	---	418 ON FEB 25	93.4 ON JUL 2	9 810 000	1967
1968	---	628 ON JUL 25	140 ON JAN 1	13 000 000	1968
1969	---	806 ON JUN 23	200 ON SEP 1	15 700 000	1969
1970	---	587 ON NOV 11	148 ON SEP 7	13 500 000	1970
1971	---	580 ON JUN 14	225 ON SEP 6	15 100 000	1971
1972	---	538 ON MAR 6	232 ON DEC 24	13 400 000	1972
1973	---	430 ON JAN 8	118 ON JUL 15	7 740 000	1973
1974	---	588 ON JUN 10	148 ON FEB 10	12 300 000	1974
1975	---	487 ON MAY 28	34.8 ON AUG 3	12 800 000	1975
1976	---	484 ON OCT 28	74.8 ON DEC 25	10 800 000	1976
1977	---	442 ON DEC 13	1.42 ON JAN 1 *	7 830 000	1977
1978	---	453 ON DEC 7	59.5 ON MAY 14	8 600 000	1978
1979	---	484 ON APR 9	113 ON DEC 25	10 700 000	1979
1980	---	488 ON MAR 19	95.0 ON DEC 8	9 610 000	1980
1981	---	423 ON FEB 25	47.8 ON JUL 2	8 190 000	1981
1982	---	433 ON AUG 1	72.2 ON FEB 2	8 760 000	1982
1983	---	420 ON JAN 13	58.8 ON JUL 10	9 270 000	1983
1984	---	613 ON JUL 15	228 ON DEC 14	10 800 000	1984
1985	---	588 ON SEP 30	107 ON JUL 7	12 500 000	1985
1986	---	466 ON MAR 27	81.6 ON AUG 18	11 400 000	1986
1987	---	382 ON JAN 27	104 ON NOV 24	8 480 000	1987
1988	---	573 ON OCT 8	100 ON APR 6	8 340 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 100 000	MEAN

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	127	145	140	193	---	1926
1927	248	279	288	358	352	447	494	488	383	367	377	372	371	1927
1928	380	374	392	380	347	218	189	192	194	186	225	223	273	1928
1929	211	184	196	190	213	214	243	224	250	268	278	216	223	1929
1930	209	178	173	168	224	228	222	217	243	218	192	148	203	1930
1931	113	118	118	111	118	122	120	112	97.3	90.7	93.0	98.7	108	1931
1932	86.3	182	214	271	340	380	217	219	211	183	184	226	224	1932
1933	222	212	201	198	268	304	197	181	183	168	208	221	208	1933
1934	211	218	238	321	382	473	488	289	263	248	228	261	310	1934
1935	388	338	334	408	457	338	248	288	354	380	378	385	356	1935
1936	367	383	386	431	383	388	217	207	232	277	304	322	328	1936
1937	323	321	318	308	278	267	251	263	267	278	277	278	289	1937
1938	276	282	284	250	322	321	244	208	274	280	283	278	270	1938
1939	269	272	288	277	263	273	248	233	259	218	211	304	248	1939
1940	213	183	183	164	177	184	188	190	185	180	185	152	178	1940
1941	184	184	171	168	170	182	188	185	184	208	264	280	183	1941
1942	283	328	273	212	251	212	214	182	190	188	202	215	230	1942
1943	228	228	267	268	218	206	228	229	256	270	267	287	242	1943
1944	288	288	288	---	---	422	394	378	451	371	271	280	---	1944
1945	318	303	284	307	301	300	288	288	287	287	308	305	298	1945
1946	282	300	318	332	324	383	341	316	318	320	327	323	326	1946
1947	318	382	427	437	428	435	351	320	321	314	318	318	383	1947
1948	320	328	328	327	436	458	340	343	324	308	301	288	343	1948
1949	283	288	318	341	388	400	358	320	310	304	287	280	324	1949
1950	295	314	318	331	---	---	---	---	---	---	---	---	---	1950
MEAN	282	288	271	285	301	309	273	268	267	262	264	268	289	MEAN

LOCATION - LAT 48 25 00 N, LONG 88 13 00 W DRAINAGE AREA, 24 500 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1926	---	---	---	---	1926
1927	---	501 ON JUL 13	226 ON JAN 3	11 700 000	1927
1928	---	405 ON MAY 17	148 ON JUL 8	8 630 000	1928
1929	---	311 ON NOV 21	183 ON FEB 22	7 030 000	1929
1930	---	283 ON SEP 17	126 ON DEC 31	6 410 000	1930
1931	---	194 ON JUN 30	87.7 ON DEC 24 *	3 430 000	1931
1932	---	378 ON MAY 28	83.3 ON JAN 7	7 080 000	1932
1933	---	337 ON JUN 4	121 ON DEC 24	6 570 000	1933
1934	---	604 ON JUL 10 *	180 ON JAN 21	8 780 000	1934
1935	---	475 ON MAY 25	194 ON JUL 28	11 200 000	1935
1936	---	446 ON MAY 31	180 ON AUG 1	10 300 000	1936
1937	---	348 ON JAN 21	202 ON SEP 8	9 110 000	1937
1938	---	480 ON MAY 23	177 ON APR 22	8 510 000	1938
1939	---	374 ON JUN 10	138 ON OCT 20	7 830 000	1939
1940	---	300 ON AUG 17	135 ON FEB 18	5 820 000	1940
1941	---	282 ON NOV 26	132 ON JAN 1	6 070 000	1941
1942	---	442 ON MAY 14	138 ON SEP 8	7 270 000	1942
1943	---	283 ON APR 7	189 ON JAN 1	7 840 000	1943
1944	---	---	---	---	1944
1945	---	367 ON JAN 8	255 ON MAR 13	8 440 000	1945
1946	---	384 ON JUN 25	286 ON JAN 25	10 200 000	1946
1947	---	484 ON MAY 29	303 ON OCT 25	11 400 000	1947
1948	---	501 ON MAY 30	259 ON OCT 29	10 800 000	1948
1949	---	413 ON JUN 23	287 ON OCT 10	10 200 000	1949
1950	---	---	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 470 000	MEAN

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	183	184	182	---	1922
1923	170	158	141	13[illegible]	161	157	163	168	184	177	184	184	184	1923
1924	147	145	---	133	148	148	154	152	167	---	---	---	---	1924
1925	---	152	152	161	171	178	168	167	---	182	170	---	---	1925
1926	---	172	148	144	148	148	142	144	154	---	---	---	---	1926
MEAN	159	160	151	144	154	157	152	150	168	174	195	188	184	MEAN

LOCATION - LAT 49 09 00 N, LONG 88 20 00 W DRAINAGE AREA, 23 800 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	208 ON JAN 2 *	125 ON APR 8 *	5 180 000	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 180 000	MEAN

NISSOURI CREEK NEAR EMBRO - STATION NO. 02ED022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.318	0.087	0.886	0.781	0.401	0.198	0.107	0.058	0.040	0.115	0.401	0.622	0.348	1987
1988	0.181	0.211	0.886	0.325	0.154	0.012	0.020	0.017	0.046	0.180	0.518	0.387	0.242	1988
MEAN	0.250	0.148	0.881	0.543	0.278	0.106	0.064	0.037	0.043	0.148	0.460	0.505	0.296	MEAN

LOCATION - LAT 43 07 48 N LONG 80 57 48 W DRAINAGE AREA, 29.1 km^2 NATURAL FLOW

REMARKS - DATA FOR 1975-77, 1984-86 AVAILABLE FROM OMOE

NISSOURI CREEK NEAR EMBRO - STATION NO. 02ED022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	23.7 AT 21:08 EST ON MAY 30 *	7.26 ON MAY 31 *	0.010 ON SEP 5	11 000	1987
1988	---	3.83 ON MAR 3	0.001 ON JUL 8 *	7 880	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 330	MEAN

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	7.87	26.6	0.766	0.788	1.06	0.112	0.088	2.72	3.83	8.70	---	1972
1973	8.87	3.38	21.3	3.11	4.15	0.577	0.131	0.356	0.050	0.061	3.88	3.12	4.13	1973
1974	7.42	2.22	12.1	10.6	0.80	0.283	0.115	0.053	0.057	0.078	0.480	0.210	3.84	1974
1975	3.48	5.48	9.85	17.0	0.731	1.85	0.088	7.20	3.20	0.702	2.88	8.80	4.88	1975
1976	1.38	10.8	25.6	7.38	3.84	0.186	0.181	0.101	0.243	0.385	1.87	0.487	4.37	1976
1977	0.245	0.180	23.6	2.84	0.267	0.083	0.144	0.444	3.33	4.48	5.36	8.28	3.86	1977
1978	1.43	0.833	8.01	28.8	1.82	0.287	0.080	0.048	1.30	1.32	1.38	1.83	3.71	1978
1979	2.89	0.486	13.8	13.8	1.47	0.218	0.102	0.090	0.077	0.440	8.88	11.3	4.46	1979
1980	1.78	0.225	15.9	10.4	1.88	0.586	0.238	0.093	0.126	0.862	0.882	4.87	3.13	1980
1981	0.302	18.3	3.12	2.88	2.26	0.288	0.088	1.38	4.42	7.70	2.87	1.71	3.81	1981
1982	0.847	0.288	18.8	14.1	0.887	2.20	0.813	2.78	2.87	0.857	10.3	13.4	5.47	1982
1983	1.84	4.71	4.28	5.38	8.88	1.54	0.332	0.814	1.78	2.83	3.81	5.83	3.45	1983
1984	0.872	17.8	10.4	4.70	1.28	1.98	0.188	0.088	1.05	0.252	4.88	10.1	4.37	1984
1985	1.41	13.8	23.0	12.8	0.842	0.384	0.188	2.87	2.84	1.85	8.04	3.78	5.86	1985
1986	5.33	0.818	10.1	3.79	2.03	1.03	0.241	4.38	25.1	8.23	2.88	3.23	5.35	1986
1987	2.27	0.810	14.8	5.01	0.282	0.417	1.88	2.33	0.203	1.43	6.10	8.83	3.80	1987
1988	3.07	4.05	13.3	4.88	0.823	0.078	0.178	0.200	0.284	1.83	8.38	3.07	3.15	1988
MEAN	2.71	5.10	14.2	10.3	2.43	0.730	0.338	1.38	2.75	2.11	4.39	5.37	4.26	MEAN

LOCATION - LAT 43 29 02 W LONG 80 50 08 W DRAINAGE AREA, 326 km^2 NATURAL FLOW

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	142 AT 03:05 EST ON APR 17	112 ON APR 13	---	---	1972
1973	141 AT 19:02 EST ON MAR 11	86.0 ON MAR 11	0.031 ON SEP 7	130 000	1973
1974	202 AT 05:56 EST ON MAY 17	121 ON MAY 17	0.040 ON AUG 25	115 000	1974
1975	289 AT 04:07 EST ON APR 18	164 ON APR 18	0.045 ON AUG 18	184 000	1975
1976	262 AT 07:00 EST ON MAR 21	178 ON MAR 21	0.076 ON AUG 26	138 000	1976
1977	226 AT 08:15 EST ON MAR 13	196 ON MAR 13	0.054 ON JUN 21	125 000	1977
1978	135 AT 14:10 EST ON APR 11	118 ON APR 11	0.037 ON AUG 14	117 000	1978
1979	278 AT 04:57 EST ON APR 14	182 ON APR 14	0.057 ON SEP 7	140 000	1979
1980	---	180 B ON MAR 21	0.068 ON AUG 26	89 000	1980
1981	135 AT 20:20 EST ON FEB 23	102 ON FEB 23	0.047 ON AUG 25	111 000	1981
1982	268 AT 20:07 EST ON MAR 31	191 ON MAR 31	0.187 ON JUL 18	173 000	1982
1983	70.4 AT 20:20 EST ON MAY 2	40.7 ON MAY 2	0.043 ON JUL 26	109 000	1983
1984	---	95.0 ON DEC 28	0.020 ON AUG 26	136 000	1984
1985	---	141 ON APR 5	0.029 ON AUG 5	188 000	1985
1986	343 AT 07:34 EST ON SEP 11 *	207 ON SEP 11 *	0.085 ON AUG 5	200 000	1986
1987	90.7 AT 23:51 EST ON MAR 8	88.4 ON MAR 9	0.023 ON JUN 18	123 000	1987
1988	---	88.6 ON MAR 28	0.002 ON JUL 15 *	89 600	1988
				135 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	1.03	0.515	0.784	0.588	0.295	0.882	5.14	11.0	---	1950
1951	10.7	9.15	23.9	20.0	1.84	1.22	2.67	0.833	0.610	2.97	11.6	4.02	7.42	1951
1952	12.5	5.58	16.9	18.1	2.48	0.478	0.513	0.762	0.566	0.471	1.03	4.43	5.48	1952
1953	4.47	5.19	17.6	3.81	13.6	5.64	1.86	1.10	0.534	0.468	0.848	1.23	5.02	1953
1954	1.36	23.7	22.9	18.3	2.07	0.900	0.481	0.509	0.831	18.2	2.89	5.44	7.82	1954
1955	5.43	1.66	19.2	18.2	1.61	0.623	0.381	0.325	0.489	1.18	5.30	4.13	5.32	1955
1956	1.64	1.65	13.8	34.2	25.3	2.10	3.80	5.26	2.65	1.26	1.36	5.82	8.38	1956
1957	5.09	5.15	10.4	13.9	4.11	5.11	3.47	0.780	1.39	1.00	7.76	14.7	6.15	1957
1958	1.80	1.17	13.8	4.84	0.638	0.851	0.368	0.324	2.26	0.883	4.10	1.91	2.69	1958
1959	1.87	2.38	12.8	38.3	5.80	0.834	0.516	0.314	0.388	1.15	4.80	4.81	8.12	1959
1960	2.45	3.86	5.40	40.3	11.8	3.25	0.531	0.378	0.244	0.784	1.10	0.478	5.63	1960
1961	0.346	7.80	9.08	5.65	4.64	1.05	0.958	0.852	0.828	0.802	2.88	3.83	3.14	1961
1962	0.818	0.806	22.8	8.66	1.08	0.559	0.337	0.301	0.305	0.848	1.83	3.98	3.86	1962
1963	0.850	0.525	23.8	5.38	3.83	0.867	0.467	0.434	0.348	0.383	0.888	0.477	3.19	1963
1964	2.88	1.84	18.1	9.82	2.77	0.886	0.438	3.88	0.787	0.422	0.859	5.86	3.74	1964
1965	4.75	13.8	8.10	24.2	3.34	0.448	0.492	0.382	0.415	5.74	9.04	14.7	7.12	1965
1966	2.88	5.27	14.7	6.86	3.71	5.84	0.284	0.254	0.288	0.362	3.67	14.1	4.86	1966
1967	8.80	3.44	18.0	23.1	2.80	4.88	4.71	1.09	0.801	5.75	13.0	18.6	8.28	1967
1968	2.28	16.5	21.6	4.63	1.62	0.800	0.841	5.07	5.15	5.89	11.2	7.33	6.61	1968
1969	7.62	7.07	22.1	25.3	8.84	1.18	0.725	0.940	0.484	0.807	4.84	1.44	5.77	1969
1970	1.07	1.87	8.84	24.4	5.14	0.942	1.04	0.456	1.21	3.07	7.28	8.70	5.17	1970
1971	3.20	3.28	12.0	30.4	1.82	1.87	0.751	0.611	0.508	0.821	0.738	6.00	5.11	1971
1972	5.40	1.38	10.7	37.0	2.00	1.84	1.85	0.543	0.495	3.55	5.48	8.84	5.86	1972
1973	13.7	5.86	32.7	5.98	5.10	1.43	0.767	1.08	0.450	0.871	5.26	5.10	5.70	1973
1974	13.1	4.82	20.7	16.1	16.5	1.15	0.654	0.401	0.395	0.474	1.81	0.745	6.31	1974
1975	5.71	8.40	15.4	29.1	2.28	2.83	0.630	9.42	4.49	1.50	3.87	9.78	7.59	1975
1976	2.87	18.5	38.2	12.4	6.87	0.840	0.769	0.787	0.672	1.08	2.48	1.13	7.18	1976
1977	0.708	0.714	32.0	5.37	1.05	0.842	0.580	1.04	5.72	7.13	7.16	9.84	6.08	1977
1978	2.25	1.87	8.01	44.1	3.34	0.870	0.418	0.437	2.26	1.88	2.17	3.08	5.82	1978
1979	4.20	0.981	25.9	24.2	3.08	0.908	0.501	0.418	0.470	0.920	8.26	12.1	7.78	1979
1980	2.81	1.30	18.8	16.4	4.44	2.07	0.971	0.515	0.830	1.79	1.07	5.31	4.53	1980
1981	0.841	23.8	5.74	5.21	3.66	1.30	0.897	2.10	7.83	8.82	3.84	2.84	5.42	1981
1982	1.75	0.885	19.8	27.8	1.72	3.12	1.64	3.26	3.80	2.03	14.2	21.8	8.53	1982
1983	4.45	6.31	7.67	10.3	18.7	3.77	1.03	1.88	3.71	4.62	6.63	10.8	6.56	1983
1984	1.61	20.0	15.8	9.28	3.34	3.81	0.831	0.849	3.81	1.28	10.1	13.8	7.69	1984
1985	3.09	16.8	37.8	22.0	1.89	1.23	0.828	3.38	4.80	3.97	15.6	8.86	9.76	1985
1986	7.66	2.25	28.0	7.53	4.61	2.88	1.15	6.22	30.7	11.6	4.31	6.20	9.52	1986
1987	4.13	1.88	23.8	10.4	1.30	1.01	2.82	2.81	0.770	2.84	8.89	13.6	6.21	1987
1988	3.79	6.21	20.0	8.44	2.18	0.410	0.805	0.854	0.877	3.28	10.4	5.14	5.18	1988
MEAN	4.26	6.84	18.6	17.8	4.84	1.89	1.09	1.89	2.42	2.86	5.57	7.16	6.22	MEAN

LOCATION - LAT 43 22 39 N DRAINAGE AREA, 552 km^2
LONG 80 42 41 W NATURAL FLOW

REMARKS - MINOR REGULATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	156 AT 01:45 EST ON MAR 31	96.6 ON MAR 30	0.311 ON SEP 5	234 000	1951
1952	103 AT 04:00 EST ON MAR 22	90.3 ON APR 1	0 ON AUG 12 *	174 000	1952
1953	---	96.0 ON JUN 17	0.057 ON OCT 24	158 000	1953
1954	340 AT 11:55 EST ON OCT 16	232 ON OCT 16	0.340 ON AUG 22	347 000	1954
1955	---	83.0 ON APR 2	0.311 ON JUL 21	198 000	1955
1956	217 AT 23:55 EST ON APR 4	189 ON MAY 12	0.821 ON AUG 4	285 000	1956
1957	---	154 ON DEC 21	0.340 ON OCT 6	194 000	1957
1958	---	65.1 ON MAR 28	0.085 ON AUG 17	84 900	1958
1959	173 AT 08:00 EST ON APR 6	144 ON APR 6	0.198 ON AUG 13	183 000	1959
1960	250 AT 08:30 EST ON APR 4	202 ON APR 4	0.108 ON AUG 25	184 000	1960
1961	69.9 AT 04:00 EST ON FEB 25	61.7 ON FEB 25	0.1988 ON JAN 24	98 100	1961
1962	199 AT 10:00 EST ON MAR 30	155 ON MAR 30	0.088 ON AUG 8	112 000	1962
1963	261 AT 10:00 EST ON MAR 28	213 ON MAR 28	0.187 ON OCT 18	101 000	1963
1964	---	76.5 ON APR 7	0.147 ON JUL 7	118 000	1964
1965	270 AT 06:15 EST ON FEB 11	181 ON FEB 11	0.204 ON AUG 25	224 000	1965
1966	221 AT 22:00 EST ON DEC 7	128 ON DEC 8	0.105 ON JUL 22	153 000	1966
1967	334 AT 12:30 EST ON APR 3	211 ON APR 3	0.453 ON SEP 19	282 000	1967
1968	280 A AT 18:00 EST ON FEB 2	148 A ON FEB 3	0.232 ON JUN 22	215 000	1968
1969	187 AT 15:23 EST ON APR 5	144 ON APR 5	0.411 ON AUG 14	213 000	1969
1970	128 AT 12:17 EST ON APR 9	107 ON APR 9	0.371 ON AUG 18	163 000	1970
1971	104 AT 06:42 EST ON APR 10	85.6 ON APR 10	0.348 ON AUG 9	151 000	1971
1972	178 AT 23:24 EST ON APR 13	144 ON APR 13	0.385 ON SEP 18	207 000	1972
1973	183 AT 07:00 EST ON MAR 12	133 ON MAR 12	0.227 ON JUN 22	211 000	1973
1974	311 AT 13:55 EST ON MAR 5	188 ON MAY 17	0.278 ON SEP 2	189 000	1974
1975	453 AT 14:24 EST ON APR 19 *	303 ON APR 19 *	0.371 ON AUG 19	239 000	1975
1976	323 AT 15:31 EST ON MAR 21	268 ON MAR 21	0.450 ON SEP 5	227 000	1976
1977	262 B AT 14:15 EST ON MAR 13	258 B ON MAR 13	0.345 ON JUL 30	191 000	1977
1978	199 AT 23:22 EST ON APR 11	139 ON APR 12	0.331 ON JUL 19	183 000	1978
1979	366 AT 15:45 EST ON APR 14	286 ON APR 14	0.322 ON JUL 26	245 000	1979
1980	---	190 E ON MAR 21	0.435E ON SEP 12	143 000	1980
1981	158 E AT 06:33 EST ON FEB 24	120 E ON FEB 24	0.530B ON FEB 10	171 000	1981
1982	321 E AT 01:00 EST ON APR 1	220 B ON APR 1	0.817 ON JUL 14	259 000	1982
1983	114 AT 05:31 EST ON MAY 3	80.5 ON MAY 3	0.342 ON JUL 27	207 000	1983
1984	158 AT 02:14 EST ON FEB 15	144 ON FEB 15	0.367 ON AUG 28	243 000	1984
1985	217 AT 22:24 EST ON APR 5	165 ON FEB 25	0.388 ON AUG 5	309 000	1985
1986	326 E AT 19:10 EST ON SEP 11	228 ON SEP 30	0.801 ON JUL 28	300 000	1986
1987	83.5 AT 18:18 EST ON NOV 26	67.8 ON NOV 26	0.422 ON JUN 18	188 000	1987
1988	---	98.0 ON MAR 28	0.184 ON JUL 8	183 000	1988
				198 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NITH RIVER NEAR CANNING - STATION NO. 02GA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	3.96	3.61	4.24	13.2	7.47	---	1913
1914	10.0	*9.34*	*38.3*	*15.4*	*7.50*	*4.12*	*2.48*	*2.21*	2.64	3.24	6.97	7.78	8.38	1914
1915	5.18	17.2	32.9	17.3	4.24	3.05	3.38	15.9	8.21	7.84	11.8	7.84	11.3	1915
1916	35.8	16.2	34.3	33.1	22.8	19.3	3.71	2.90	3.61	3.81	3.67	8.30	15.3	1916
1917	5.18	3.10	37.5	19.6	13.8	12.7	27.5	3.87	3.31	---	---	---	---	1917
1920	---	---	41.7	17.3	4.74	3.05	3.07	2.78	2.44	3.47	8.87	21.3	---	1920
1921	14.4	4.13	35.0	19.8	12.8	7.02	7.10	3.59	3.96	8.81	8.49	18.9	11.7	1921
1922	5.78	20.1	26.4	36.1	4.34	7.85	3.82	2.95	3.82	2.86	3.00	4.80	9.84	1922
1923	4.06	2.92	24.7	27.8	16.0	8.97	2.06	1.87	2.70	---	---	---	---	1923
1924	---	---	---	27.4	17.4	---	---	---	---	---	---	---	---	1924
1925	---	---	---	8.34	2.36	1.85	---	---	---	---	---	---	---	1925
1926	---	---	---	43.8	8.86	2.90	---	---	---	---	---	---	---	1926
1947	---	---	---	---	---	---	10.8	4.72	2.87	3.59	4.09	10.0	---	1947
1948	4.48	11.2	83.5	12.8	8.88	3.84	3.19	2.10	1.91	2.49	4.84	3.31	10.4	1948
1949	15.8	27.8	27.3	8.10	3.74	1.88	2.19	1.79	1.94	3.12	2.71	20.8	8.78	1949
1950	25.8	10.5	38.2	34.8	4.38	2.87	3.81	3.47	2.58	2.84	8.85	20.2	13.1	1950
1951	18.6	16.2	36.7	31.3	8.24	4.87	8.73	3.27	2.94	5.34	15.8	7.13	12.6	1951
1952	23.7	12.7	27.1	23.5	6.07	3.23	3.07	2.88	2.66	2.59	3.63	7.77	9.89	1952
1953	10.0	8.25	28.8	8.17	17.5	16.8	8.15	3.37	2.82	2.75	3.05	4.30	9.41	1953
1954	3.08	33.7	33.8	28.5	8.88	3.82	2.48	2.14	2.51	26.5	8.82	8.88	13.2	1954
1955	12.0	4.80	35.8	25.1	5.41	3.38	2.28	2.02	2.12	3.83	11.8	8.81	9.78	1955
1956	3.43	3.95	39.8	42.8	37.2	8.11	7.16	11.8	10.5	4.77	5.01	12.3	14.5	1956
1957	10.7	13.1	18.5	20.7	8.88	7.47	8.82	2.83	4.28	3.88	11.4	23.0	11.2	1957
1958	5.86	4.08	16.5	8.86	3.48	2.86	3.22	2.08	5.44	3.03	7.71	3.80	5.63	1958
1959	4.84	8.63	36.1	80.6	10.3	3.87	2.80	2.18	2.84	4.46	9.80	11.5	11.3	1959
1960	8.85	11.5	10.7	87.3	21.6	8.31	3.84	3.13	2.36	2.70	3.82	2.32	12.1	1960
1961	1.81	14.2	15.0	11.2	8.12	4.08	3.85	2.86	3.11	2.52	8.16	7.40	6.64	1961
1962	3.12	2.30	30.8	14.8	3.70	3.38	2.00	2.40	2.06	3.08	5.86	7.21	8.73	1962
1963	2.44	1.88	34.0	11.0	8.83	2.78	1.80	1.88	1.71	1.62	2.30	1.86	5.81	1963
1964	4.70	3.86	18.8	14.3	4.81	2.33	1.68	8.40	2.74	2.10	2.35	8.77	6.12	1964
1965	7.84	28.0	18.4	44.0	8.83	3.27	2.36	1.84	1.82	8.83	12.3	21.8	12.8	1965
1966	7.88	10.1	22.0	10.2	7.10	8.18	1.77	2.00	2.00	2.21	7.12	22.5	8.88	1966
1967	17.1	8.80	28.0	33.4	7.17	17.0	8.74	8.01	3.36	13.1	18.2	23.7	16.4	1967
1968	5.34	24.4	35.3	10.7	8.48	4.18	3.15	8.40	8.85	7.78	15.0	12.5	11.8	1968
1969	13.8	30.4	30.7	36.3	14.8	4.42	3.16	3.44	2.28	3.03	8.48	8.48	12.1	1969
1970	2.44	8.02	11.8	33.7	8.26	3.40	4.31	2.83	3.82	8.71	11.0	13.4	8.87	1970
1971	8.71	8.05	20.0	43.5	4.83	4.21	2.70	1.81	2.33	2.60	2.83	8.60	9.03	1971
1972	8.84	4.37	21.4	52.5	7.23	8.86	6.75	2.82	2.78	8.86	10.1	13.1	11.8	1972
1973	18.9	10.8	60.7	14.2	11.4	8.06	3.36	3.82	2.88	2.80	10.4	10.8	12.1	1973
1974	21.8	11.2	33.4	26.8	24.8	8.46	3.88	2.80	2.86	3.07	8.67	3.78	11.8	1974
1975	10.5	16.3	27.8	36.8	8.16	8.17	2.86	12.7	8.82	4.34	8.16	16.3	13.2	1975
1976	8.44	31.3	66.3	20.4	13.8	4.20	3.70	4.76	4.02	4.42	8.88	4.22	13.1	1976
1977	2.66	3.13	48.4	16.1	4.50	3.88	3.02	3.31	11.8	16.1	12.7	17.3	11.6	1977
1978	7.03	8.44	16.4	88.2	8.21	4.36	2.08	2.82	8.67	8.04	8.88	7.32	10.6	1978
1979	7.78	3.86	44.8	37.6	8.77	4.36	3.07	3.70	3.26	4.14	14.0	21.6	13.1	1979
1980	8.86	5.11	32.0	22.8	8.46	8.01	4.48	3.58	3.40	4.83	4.16	8.62	8.48	1980
1981	2.88	34.2	10.7	11.0	7.85	4.00	2.86	2.78	12.4	13.8	8.38	8.53	8.80	1981
1982	8.41	3.43	30.0	80.7	7.06	8.08	4.61	8.82	7.84	8.87	20.4	33.9	15.4	1982
1983	10.4	15.8	14.5	16.4	24.8	8.88	4.06	7.26	8.86	8.46	11.3	16.8	12.8	1983
1984	3.82	44.8	26.7	20.0	8.76	8.86	4.68	3.08	8.86	4.19	12.2	20.2	13.6	1984
1985	8.74	28.3	66.8	35.6	8.88	5.46	4.52	8.83	10.4	---	---	---	---	1985
1986	13.8	7.21	40.8	14.0	10.2	8.87	4.06	8.28	30.7	30.3	8.84	12.8	15.6	1986
1987	8.78	4.38	31.8	20.6	4.77	4.11	7.06	5.49	3.07	8.10	12.6	22.8	10.8	1987
1988	8.32	11.6	27.1	14.8	8.18	2.83	2.66	3.14	3.84	8.42	16.8	10.6	8.32	1988
MEAN	8.81	13.6	30.3	26.2	8.88	5.84	4.38	4.10	4.70	8.86	8.83	12.1	11.1	MEAN

LOCATION - LAT 43 11 26 N DRAINAGE AREA, 1 030 km²
LONG 80 27 17 W NATURAL FLOW

REMARKS - STN TEMP DISCONTINUED OCT 01 1985 TO JAN 17 1986 FOR RECONSTRUCTION.

NITH RIVER NEAR CANNING - STATION NO. 02GA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	118 ON MAR 26	0.463 ON SEP 12 *	284 000	1914
1915	---	53.8 ON APR 11	1.70 ON JUN 30	382 000	1915
1916	---	106 ON MAR 30	1.81 ON SEP 16	485 000	1916
1917	---	103 ON MAR 25	---	---	1917
1920	---	137 ON MAR 16	---	---	1920
1921	---	126 ON MAR 10	1.22 ON AUG 25	367 000	1921
1922	---	142 ON APR 12	1.73 ON OCT 5	313 000	1922
1923	---	125 ON APR 5	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1947	---	84.8 ON JUL 28	0.736 ON SEP 30	---	1947
1948	422 AT 03:00 EST ON MAR 21	287 ON MAR 21	1.27 ON SEP 7	327 000	1948
1949	---	174 ON MAR 24	0.585 ON SEP 12	307 000	1949
1950	357 AT 12:00 EST ON APR 5	326 ON APR 5 *	1.70 ON AUG 21	413 000	1950
1951	---	161 ON MAR 31	1.42 ON SEP 4	402 000	1951
1952	---	110 ON MAR 22	1.84 ON SEP 14	313 000	1952
1953	---	88.5 ON JUN 18	1.70 ON SEP 7	287 000	1953
1954	426 AT 11:00 EST ON OCT 17 *	328 ON OCT 17	1.84 ON AUG 29	415 000	1954
1955	---	201 ON MAR 12	1.30 ON AUG 2	308 000	1955
1956	267 AT 24:00 EST ON APR 5	229 ON APR 5	1.81 B ON FEB 5	480 000	1956
1957	178 AT 11:00 EST ON DEC 22	142 ON DEC 22	2.12 ON AUG 5	352 000	1957
1958	---	56.1 ON MAR 26	1.33 ON AUG 19	177 000	1958
1959	---	170 ON APR 3	1.73 ON AUG 9	358 000	1959
1960	288 AT 07:00 EST ON APR 5	246 ON APR 5	1.73 B ON DEC 21	384 000	1960
1961	184 AT 23:30 EST ON FEB 23	82.7 ON FEB 25	1.67 B ON JAN 31	209 000	1961
1962	207 AT 10:00 EST ON MAR 31	187 ON MAR 31	1.47 ON JUL 13	212 000	1962
1963	292 AT 12:00 EST ON MAR 27	243 ON MAR 27	0.9408 ON DEC 14	187 000	1963
1964	81.7 AT 16:00 EST ON DEC 26	72.5 ON APR 8	1.18 ON JUL 31	184 000	1964
1965	354 AT 22:30 EST ON FEB 11	237 ON FEB 11	1.31 ON AUG 25	408 000	1965
1966	226 AT 01:00 EST ON DEC 8	152 ON DEC 8	1.39 ON JUL 25	271 000	1966
1967	294 AT 12:00 EST ON APR 4	211 ON APR 4	2.38 ON SEP 17	467 000	1967
1968	---	155 B ON FEB 3	2.11 ON JUL 30	373 000	1968
1969	199 AT 16:00 EST ON APR 6	166 ON APR 6	2.08 ON SEP 15	381 000	1969
1970	144 AT 13:07 EST ON APR 10	128 ON APR 10	1.80 B ON JAN 15	280 000	1970
1971	121 AT 04:13 EST ON APR 4	115 E ON APR 3	1.80 ON AUG 9	285 000	1971
1972	208 AT 22:18 EST ON APR 14	187 ON APR 14	2.51 ON SEP 3	373 000	1972
1973	203 AT 08:34 EST ON MAR 13	148 ON MAR 13	2.10 ON SEP 10	382 000	1973
1974	276 AT 13:38 EST ON MAR 6	240 ON MAR 6	2.16 E ON AUG 23	375 000	1974
1975	418 AT 14:38 EST ON APR 20	320 ON APR 20	2.26 ON JUL 8	416 000	1975
1976	314 AT 12:46 EST ON MAR 22	277 ON MAR 22	2.76 ON SEP 8	413 000	1976
1977	383 AT 16:02 EST ON MAR 14	308 ON MAR 14	1.88 ON JUL 28	373 000	1977
1978	226 AT 00:57 EST ON APR 13	175 ON APR 13	2.62 ON SEP 10	341 000	1978
1979	383 AT 14:51 EST ON APR 15	310 ON APR 15	2.40 ON JUL 24	414 000	1979
1980	276 AT 01:46 EST ON MAR 23	259 ON MAR 23	2.85 ON AUG 18	390 000	1980
1981	---	150 E ON FEB 25	2.20 ON JUL 17	303 000	1981
1982	377 AT 00:39 EST ON APR 2	293 ON APR 1	3.01 ON AUG 19	467 000	1982
1983	112 AT 03:52 EST ON MAY 4	83.8 ON MAY 3	2.49 ON JUL 26	385 000	1983
1984	218 AT 07:08 EST ON FEB 16	192 ON FEB 16	2.85 ON AUG 27	428 000	1984
1985	---	223 A ON FEB 26	2.57 ON AUG 8	---	1985
1986	284 AT 15:34 EST ON OCT 1	240 ON SEP 13	2.85 ON AUG 5	488 000	1986
1987	102 AT 19:16 EST ON APR 6	80.0 ON APR 6	2.27 ON SEP 10	345 000	1987
1988	---	105 ON MAR 27	1.83 ON JUL 10	305 000	1988
				349 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	2.00	0.131	0.091	0.077	0.151	0.317	0.496	0.438	0.203	---	1959
1960	0.077	0.084	0.116	2.48	0.628	0.805	0.837	0.118	0.212	0.183	0.356	0.085	0.459	1960
1961	0.022	0.024	0.365	0.404	0.184	0.309	0.378	0.090	0.584	0.183	0.363	0.171	0.282	1961
1962	0.083	0.046	0.733	0.888	0.362	0.098	0.082	0.187	0.127	0.178	0.138	0.138	0.236	1962
1963	0.084	0.098	1.08	0.892	0.138	0.174	0.082	0.177	0.125	0.056	0.278	0.053	0.267	1963
1964	0.083	0.088	0.443	1.19	0.182	0.078	0.058	0.082	0.411	0.248	0.224	0.100	0.260	1964
1965	0.018	0.048	0.284	1.18	0.095	0.038	0.058	0.488	0.803	0.281	0.209	0.390	0.303	1965
1966	0.291	0.249	0.845	0.448	0.258	---	---	---	---	---	---	0.521	---	1966
1967	0.037	0.020	0.389	1.44	0.318	0.180	0.037	0.182	0.133	0.303	0.587	0.323	0.331	1967
1968	0.073	0.126	1.47	0.441	0.119	0.228	0.732	0.410	0.784	0.173	0.036	0.146	0.365	1968
1969	0.141	0.088	0.821	0.892	0.211	0.315	0.155	0.110	0.044	0.581	0.824	0.150	0.374	1969
1970	0.077	0.051	0.537	1.05	0.412	0.874	0.812	0.118	0.733	0.445	0.308	0.335	0.438	1970
1971	0.088	0.047	0.383	1.78	0.326	0.141	0.187	0.181	0.285	0.445	0.433	0.889	0.410	1971
1972	0.123	0.027	---	---	---	---	0.116	0.242	0.448	---	---	0.113	---	1972
1973	0.181	0.227	1.48	0.316	0.386	0.188	0.236	0.878	0.099	0.269	0.215	0.340	0.372	1973
1974	0.114	0.086	0.195	0.779	0.228	0.291	0.077	0.143	0.293	0.304	0.484	0.121	0.256	1974
1975	0.177	0.088	0.088	1.41	0.189	0.138	0.086	0.121	0.083	0.305	0.439	0.347	0.276	1975
1976	0.052	0.030	2.13	0.828	0.268	0.086	0.076	0.088	0.261	0.188	0.083	0.086	0.333	1976
1977	0.044	0.057	1.28	0.478	0.082	0.052	0.187	0.201	0.884	0.484	0.383	0.289	0.341	1977
1978	0.050	0.033	0.083	1.58	0.323	0.086	0.086	0.318	0.436	0.520	0.124	0.082	0.305	1978
1979	0.048	0.052	0.847	1.83	0.383	0.074	0.041	0.074	0.076	0.193	0.414	0.145	0.343	1979
1980	0.149	0.037	0.323	1.43	0.258	0.083	0.073	0.102	0.353	0.286	0.140	0.027	0.288	1980
1981	0.012	0.442	0.934	0.758	0.119	0.128	0.105	0.071	0.807	0.447	0.140	0.059	0.285	1981
1982	0.014	0.017	0.209	1.21	0.083	0.083	0.035	0.028	0.291	0.488	0.328	0.522	0.271	1982
1983	0.120	0.025	0.484	0.788	0.508	0.184	0.027	0.088	0.237	0.501	0.180	0.048	0.288	1983
1984	0.021	0.351	0.382	0.385	0.184	0.408	0.088	0.177	0.320	0.293	0.488	0.276	0.278	1984
1985	0.033	0.046	0.432	1.68	0.217	0.037	0.188	0.118	0.115	0.255	0.383	0.048	0.292	1985
1986	0.027	0.016	0.431	0.871	0.103	0.122	0.218	0.136	0.148	0.250	0.152	0.085	0.220	1986
1987	0.085	0.035	0.539	0.334	0.103	0.086	0.022	0.018	0.026	0.080	0.108	0.248	0.137	1987
1988	0.045	0.085	0.502	1.35	0.288	0.083	0.026	0.239	0.314	0.591	0.703	0.131	0.387	1988
MEAN	0.078	0.087	0.605	1.08	0.242	0.178	0.168	0.175	0.315	0.314	0.321	0.206	0.308	MEAN

LOCATION - LAT 46 28 51 N DRAINAGE AREA, 21.6 km²
LONG 81 00 25 W REGULATED SINCE 1966

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	4.87 ON APR 8	---	---	1959
1960	---	5.38 ON APR 14	0.0178 ON DEC 31	14 500	1960
1961	18.4 AT 11:30 EST ON SEP 14	5.83 ON SEP 14	0.01185 ON JAN 24	8 270	1961
1962	10.8 AT 22:30 EST ON AUG 28	4.84 ON MAR 29	0.035 ON JUN 16	7 410	1962
1963	19.9 AT 17:00 EST ON MAR 30 *	11.3 ON MAR 30 *	0.020 ON DEC 31	8 430	1963
1964	9.03 AT 18:00 EST ON APR 12	5.92 ON APR 13	0.003 ON DEC 7	8 210	1964
1965	12.9 AT 03:30 EST ON SEP 10	3.17RE ON APR 12	0.006 ON JAN 15	9 560	1965
1966	---	---	---	---	1966
1967	6.97 AT 18:00 EST ON APR 1	5.21 ON APR 1	0.014 ON SEP 11	10 400	1967
1968	10.5 AT 01:00 EST ON JUL 22	4.79 ON JUL 22	0.0148 ON JAN 28	12 500	1968
1969	7.99 AT 10:15 EST ON OCT 13	3.85 ON NOV 2	0.0148 ON JAN 3	11 800	1969
1970	12.5 AT 10:00 EST ON SEP 24	4.75 ON JUN 2	0.023 ON JUN 25	13 800	1970
1971	10.6 AT 21:32 EST ON DEC 10	3.88 ON APR 12	0.031 ON JUL 12	12 900	1971
1972	---	---	---	---	1972
1973	9.80 AT 22:01 EST ON JUL 30	3.34 ON JUL 31	0.022 ON JUL 24	11 700	1973
1974	10.8 AT 23:55 EST ON OCT 31	3.77 ON NOV 1	0.025 ON JUL 8	8 090	1974
1975	8.47 AT 08:42 EST ON NOV 30	5.48 ON APR 18	0.008 ON SEP 3	8 710	1975
1976	8.23E AT 11:18 EST ON MAR 27	5.27 ON MAR 22	0.017 ON JUN 4	10 500	1976
1977	---	4.45 ON MAR 17	0.011 ON JUN 11	10 700	1977
1978	7.14 AT 20:53 EST ON AUG 23	2.92 ON APR 19	0.0289 ON FEB 24	9 630	1978
1979	8.92 AT 19:35 EST ON APR 26	4.26 ON APR 14	0.017 ON JUL 5	10 800	1979
1980	8.15 AT 00:26 EST ON APR 8	5.87 ON APR 9	0.0138 ON DEC 28	8 480	1980
1981	11.7 AT 01:43 EST ON SEP 10	3.03 ON SEP 10	0.004 ON AUG 28	8 360	1981
1982	9.01 AT 08:31 EST ON OCT 7	2.58 ON OCT 7	0.003 ON AUG 20	8 550	1982
1983	5.07 AT 17:00 EST ON JUN 4	2.208 ON MAR 8	0 ON JUL 10 *	8 390	1983
1984	8.92 AT 03:08 EST ON SEP 13	2.48 ON SEP 13	0.002 ON AUG 4	8 780	1984
1985	8.85 AT 03:05 EST ON NOV 20	4.07 ON APR 22	0.003 ON JUL 1	9 210	1985
1986	5.11 AT 16:44 EST ON APR 1	4.38 ON APR 1	0.0108 ON MAR 1	8 950	1986
1987	3.79 AT 01:30 EST ON MAR 30	1.75 ON MAR 26	0.001 ON AUG 5	4 320	1987
1988	---	4.74 ON APR 4	0.008 ON AUG 4	11 300	1988
				9 710	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.087	0.082	0.318	0.314	0.178	0.170	---	1980
1981	0.083	0.083	0.310	1.20	0.312	0.748	0.136	0.066	0.025	0.111	0.134	0.103	0.276	1981
1982	0.100	0.077	0.077	0.773	0.941	0.074	0.038	0.015	0.190	0.717	0.590	0.384	0.331	1982
1983	0.336	0.583	0.263	0.679	0.533	0.321	0.056	0.030	0.052	0.321	0.322	0.231	0.263	1983
1984	0.111	0.116	0.123	0.890	0.382	0.085	0.081	0.058	0.151	0.349	0.886	0.412	0.265	1984
1985	0.190	0.105	0.134	1.22	0.436	0.208	0.074	0.054	0.288	0.424	0.338	0.183	0.303	1985
1986	0.105	0.073	0.115	1.15	0.282	0.138	0.133	0.258	0.445	0.840	0.282	0.222	0.322	1986
1987	0.108	0.080	0.158	0.584	0.208	0.119	0.037	0.078	0.177	0.345	0.408	0.367	0.224	1987
1988	0.178	0.116	0.140	1.24	0.525	0.083	0.014	0.410	0.251	0.449	0.888	0.388	0.385	1988
MEAN	0.139	0.094	0.159	0.867	0.455	0.219	0.074	0.117	0.208	0.387	0.421	0.269	0.289	MEAN

LOCATION - LAT 47 04 05 N DRAINAGE AREA, 11.5 km²
LONG 84 26 07 W NATURAL FLOW

REMARKS - DAILY DATA FOR 1982 REVISED IN SEP 1983.

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	0.039 ON AUG 4	---	1980
1981	3.14 AT 03:26 EST ON JUN 15	2.78 ON APR 4	0.013 ON SEP 7	8 870	1981
1982	3.85 AT 13:01 EST ON OCT 20	2.42R ON MAY 3	0.003 ON AUG 18	10 400	1982
1983	3.54 AT 13:44 EST ON APR 14	1.94 ON APR 15	0.002 ON AUG 31	8 290	1983
1984	2.98 AT 12:59 EST ON NOV 1	2.14 ON APR 16	0.026 ON AUG 21	9 030	1984
1985	4.76 AT 17:55 EST ON APR 22 *	4.18 ON APR 23 *	0.025 ON AUG 4	9 540	1985
1986	2.15 AT 20:06 EST ON APR 20	1.85 ON APR 20	0.017A ON JUL 3	10 100	1986
1987	1.07 AT 20:19 EST ON APR 14	1.00 ON APR 15	0 ON AUG 12 *	7 070	1987
1988	---	3.16 ON APR 6	0.003 ON JUL 30	12 200	1988
				9 410	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	0.207	---	1979
1980	0.103	0.075	0.086	0.617	0.176	0.182	0.084	0.086	0.305	0.309	0.182	0.132	0.190	1980
1981	0.081	0.080	0.218	0.957	0.286	0.556	0.113	0.037	0.018	0.101	0.121	0.088	0.219	1981
1982	0.083	0.080	0.085	0.541	0.761	0.047	0.031	0.018	0.142	0.537	0.424	0.286	0.248	1982
1983	0.181	0.070	0.187	0.473	0.417	0.280	0.041	0.024	0.044	0.244	0.257	0.188	0.198	1983
1984	0.084	0.089	0.101	0.528	0.311	0.070	0.059	0.037	0.110	0.288	0.492	0.302	0.212	1984
1985	0.146	0.072	0.088	0.890	0.313	0.167	0.056	0.044	0.198	0.341	0.282	0.148	0.227	1985
1986	0.082	0.058	0.076	0.818	0.229	0.086	0.114	0.170	0.283	0.440	0.218	0.159	0.228	1986
1987	0.081	0.085	0.087	0.436	0.185	0.086	0.025	0.048	0.092	0.226	0.288	0.268	0.157	1987
1988	0.143	0.081	0.087	0.898	0.414	0.039	0.004	0.282	0.188	0.328	0.887	0.288	0.284	1988
MEAN	0.109	0.072	0.109	0.695	0.338	0.167	0.059	0.080	0.151	0.311	0.325	0.204	0.218	MEAN

LOCATION - LAT 47 03 04 N DRAINAGE AREA, 8.84 km²
LONG 84 24 48 W NATURAL FLOW

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	---	---	---	---	1979
1980	1.76 AT 05:08 EST ON APR 10	1.70 ON APR 10	0.040 ON AUG 4	6 010	1980
1981	---	2.05 ON APR 5	0.008 ON SEP 5	6 900	1981
1982	2.05 AT 22:35 EST ON MAY 3	2.02 ON MAY 3	0.008 ON AUG 21	7 620	1982
1983	1.64 AT 04:17 EST ON APR 15	1.59 ON APR 15	0 ON SEP 3 *	6 250	1983
1984	1.59 AT 00:52 EST ON APR 17	1.61 ON APR 17	0.014 ON AUG 21	6 710	1984
1985	3.52 AT 23:04 EST ON APR 24 *	3.43 ON APR 23 *	0.025 ON AUG 4	7 170	1985
1986	1.48 AT 04:25 EST ON APR 21	1.42 ON APR 21	0.024E ON JUL 12	7 180	1986
1987	0.816 AT 09:01 EST ON APR 15	0.800 ON APR 15	0 ON AUG 11	4 850	1987
1988	---	2.64 ON APR 7	0 ON JUL 9	8 980	1988
				6 880	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 028F007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	0.078	0.028	0.002	0.088	0.087	0.047	---	1981
1982	0.031	0.025	0.045	0.405	0.452	0.035	0.024	0.011	0.153	0.311	0.251	0.175	0.155	1982
1983	0.093	0.035	0.127	0.315	0.261	0.183	0.024	0.014	0.034	0.234	0.242	0.128	0.141	1983
1984	0.042	0.059	0.084	0.455	0.228	0.039	0.030	0.024	0.091	0.192	0.295	0.201	0.142	1984
1985	0.088	0.038	0.080	0.514	0.152	0.105	0.042	0.035	0.135	0.212	0.171	0.075	0.145	1985
1986	0.035	0.030	0.047	0.572	0.131	0.067	0.070	0.123	0.207	0.271	0.118	0.082	0.148	1986
1987	0.045	0.030	0.080	0.280	0.087	0.051	0.012	0.032	0.054	0.147	0.170	0.151	0.098	1987
1988	0.093	0.038	0.050	0.540	0.238	0.023	0.002	0.177	0.108	0.214	0.481	0.137	0.170	1988
MEAN	0.058	0.037	0.086	0.458	0.228	0.072	0.035	0.058	0.092	0.205	0.222	0.125	0.143	MEAN

LOCATION - LAT 47 02 41 N DRAINAGE AREA, 5.40 km²
LONG 84 24 44 W NATURAL FLOW

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 028F007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0 ON SEP 18 *	---	1981
1982	1.57 AT 07:23 EST ON OCT 21	1.45 ON MAY 2	0.002 ON AUG 19	4 930	1982
1983	1.06 AT 18:46 EST ON APR 15	1.42 ON APR 15	0.001 ON SEP 2	4 460	1983
1984	1.22 AT 11:07 EST ON APR 16	1.19 ON APR 16	0.011 ON AUG 21	4 500	1984
1985	2.74 AT 03:39 EST ON APR 23 *	2.48 ON APR 22 *	0.011 ON AUG 4	4 610	1985
1986	1.13 AT 09:16 EST ON APR 20	1.10 ON APR 20	0.014 ON JUL 12	4 600	1986
1987	0.806 AT 04:24 EST ON APR 13	0.691 ON APR 13	0.001 ON AUG 10	3 080	1987
1988	---	1.70 ON APR 6	0 ON JUL 29	5 380	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 510	MEAN

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 028F008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.028	0.038	0.130	0.070	0.050	0.035	---	1980
1981	0.021	0.026	0.137	0.424	0.100	0.230	0.042	0.013	0.007	0.043	0.042	0.014	0.091	1981
1982	0.018	0.011	0.018	0.263	0.272	0.012	0.007	0.004	0.088	0.200	0.145	0.078	0.681	1982
1983	0.053	0.013	0.088	0.323	0.174	0.088	0.010	0.008	0.017	0.115	0.105	0.044	0.078	1983
1984	0.024	0.033	0.033	0.288	0.088	0.018	0.023	0.017	0.072	0.120	0.179	0.119	0.085	1984
1985	0.048	0.020	0.033	0.432	0.121	0.071	0.021	0.013	0.088	0.138	0.104	0.045	0.095	1985
1986	0.023	0.018	0.026	0.381	0.067	0.032	0.032	0.082	0.118	0.142	0.084	0.043	0.084	1986
1987	0.024	0.018	0.068	0.186	0.058	0.026	0.005	0.018	0.034	0.086	0.102	0.088	0.057	1987
1988	0.039	0.021	0.030	0.398	0.140	0.018	0.004	0.147	0.074	0.132	0.295	0.070	0.114	1988
MEAN	0.031	0.020	0.054	0.322	0.129	0.052	0.018	0.038	0.068	0.118	0.121	0.058	0.087	MEAN

LOCATION - LAT 47 02 48 N DRAINAGE AREA, 4.08 km²
LONG 84 24 14 W NATURAL FLOW

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 028F008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	1.87 E AT 13:00 EST ON JUN 15	1.48 ON MAR 30	0.004 ON SEP 23	2 880	1981
1982	1.88 AT 18:33 EST ON OCT 20	0.882 ON APR 28	0.003 ON AUG 2	2 860	1982
1983	1.58 AT 22:36 EST ON APR 14	1.05 ON APR 15	0.002 ON SEP 1	2 470	1983
1984	1.28 AT 17:02 EST ON NOV 1	0.795 ON APR 16	0.012 ON SEP 4	2 690	1984
1985	2.30 AT 19:24 EST ON APR 22 *	1.83 ON APR 22 *	0.008 ON AUG 4	2 990	1985
1986	0.944 AT 00:58 EST ON APR 20	0.787 ON APR 20	0.008 ON JUL 12	2 840	1986
1987	0.418 AT 05:00 EST ON APR 12	0.403 ON APR 12	0 ON AUG 12 *	1 810	1987
1988	---	1.58 ON APR 6	0.002 ON JUL 31	3 890	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 740	MEAN

E - ESTIMATED

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 028F009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	0.102	0.204	0.042	0.118	0.008	0.007	0.001	0.033	0.032	0.015	---	1981
1982	0.013	0.008	0.017	0.211	0.218	0.006	0.004	0.001	0.050	0.188	0.107	0.082	0.072	1982
1983	0.019	0.011	0.052	0.188	0.118	0.040	0.007	0.004	0.018	0.081	0.088	0.028	0.051	1983
1984	0.014	0.034	0.022	0.181	0.052	0.017	0.020	0.010	0.052	0.084	0.105	0.040	0.053	1984
1985	0.020	0.010	0.028	0.254	0.058	0.032	0.007	0.010	0.084	0.084	0.088	0.018	0.058	1985
1986	0.012	0.008	0.025	0.285	0.030	0.027	0.033	0.044	0.058	0.088	0.048	0.022	0.058	1986
1987	0.016	0.011	0.058	0.113	0.040	0.009	0.003	0.018	0.027	0.071	0.072	0.050	0.041	1987
1988	0.018	0.013	0.030	0.264	0.078	0.002	0.001	0.088	0.052	0.088	0.193	0.028	0.071	1988
MEAN	0.018	0.014	0.042	0.205	0.078	0.033	0.010	0.023	0.050	0.085	0.087	0.035	0.057	MEAN

LOCATION - LAT 47 03 38 N DRAINAGE AREA, 2.14 km²
LONG 84 23 55 W NATURAL FLOW

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 02BF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	2.19 AT 01:00 EST ON MAR 30	1.21 ON MAR 30	0 ON JUL 23 *	---	1981
1982	2.60 AT 13:30 EST ON OCT 20	1.21 ON OCT 20	0 ON AUG 1	2 260	1982
1983	3.38 AT 13:50 EST ON APR 14 *	1.32 ON APR 14 *	0 ON JUL 28	1 610	1983
1984	---	0.827E ON OCT 28	0.002 ON AUG 20	1 880	1984
1985	1.94 AT 19:19 EST ON SEP 3	1.04 ON APR 22	0.002 ON AUG 2	1 780	1985
1986	1.34 AT 17:40 EST ON OCT 12	0.578 ON APR 19	0.001 ON JUL 11	1 620	1986
1987	0.584 AT 18:32 EST ON NOV 17	0.384 ON NOV 17	0 A ON JUL 7	1 280	1987
1988	---	1.21 ON NOV 27	0 ON JUN 18	2 240	1988
				1 810	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	0.043	0.033	0.023	---	1982
1983	0.011	0.008	0.022	0.053	0.041	0.016	0.004	0.002	0.008	0.034	0.028	0.014	0.020	1983
1984	0.008	0.015	0.013	0.088	0.025	0.005	0.008	0.005	0.033	0.034	0.047	0.034	0.026	1984
1985	0.011	0.008	0.013	0.114	0.025	0.018	0.005	0.003	0.034	0.037	0.025	0.010	0.025	1985
1986	0.008	0.004	0.011	0.088	0.013	0.010	0.011	0.018	0.031	0.032	0.017	0.011	0.022	1986
1987	0.006	0.006	0.017	0.041	0.014	0.004	0	0.007	0.011	0.022	0.025	0.021	0.015	1987
1988	0.011	0.008	0.013	0.100	0.031	0.001	0	0.035	0.017	0.030	0.075	0.015	0.028	1988
MEAN	0.009	0.007	0.015	0.082	0.025	0.009	0.005	0.012	0.022	0.033	0.036	0.018	0.023	MEAN

LOCATION - LAT 47 03 47 N LONG 84 23 36 W DRAINAGE AREA, 1.15 km^2 NATURAL FLOW

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0.636 AT 12:16 EST ON OCT 20	0.317R ON OCT 20	---	---	1982
1983	0.686 AT 16:20 EST ON APR 14	0.283 ON APR 14	0 ON SEP 1 *	836	1983
1984	0.588 AT 02:34 EST ON OCT 28	0.306 ON OCT 28	0 E ON JUN 13	836	1984
1985	0.859 AT 21:23 EST ON SEP 3 *	0.473 ON APR 22	0.001 ON AUG 4	797	1985
1986	0.461 AT 16:29 EST ON OCT 12	0.212 ON APR 19	0.001E ON JUN 3	867	1986
1987	0.199 AT 16:11 EST ON NOV 17	0.104 ON APR 11	0 ON JUN 23	484	1987
1988	---	0.488 ON AUG 14 *	0 ON JUN 9	878	1988
				713	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE - STATION NO. 02CD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.014	0.026	---	---	---	1984
1985	---	---	---	---	---	0.032	0.002	0.004	0.003	0.022	---	---	---	1985
MEAN	---	---	---	---	---	0.032	0.002	0.004	0.008	0.025	---	---	---	MEAN

LOCATION - LAT 46 23 15 N LONG 82 34 57 W DRAINAGE AREA, 2.08 km^2 NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1986.

NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE - STATION NO. 02CD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	---	287	1985
				287	MEAN

NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE - STATION NO. 02CD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.015	---	---	---	0.012	0.003	---	---	---	1984
1985	---	---	---	0.019	0.040	0.031	---	---	---	0.028	---	---	---	1985
MEAN	---	---	---	0.019	0.028	0.031	---	---	0.012	0.016	---	---	---	MEAN

LOCATION - LAT 46 23 13 N DRAINAGE AREA, 2.78 km²
LONG 82 34 19 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1985.

NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE - STATION NO. 02CD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	---	410	1985
				410	MEAN

NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE - STATION NO. 02CD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.045	0.044	0.025	0.034	0.042	0.037	---	---	---	1984
MEAN	---	---	---	---	0.045	0.044	0.025	0.034	0.042	0.037	---	---	---	MEAN

LOCATION - LAT 46 22 55 N DRAINAGE AREA, 3.01 km²
LONG 82 34 48 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1985.

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	10.5	5.27	7.08	23.3	18.0	19.3	---	1915
1916	22.8	31.2	18.2	90.7	48.5	28.3	9.24	5.80	3.84	18.7	25.3	50.3	28.9	1916
1917	18.7	8.82	9.75	81.5	43.3	25.4	38.3	9.77	5.25	8.05	13.5	13.3	23.2	1917
1918	6.81	7.19	19.8	58.8	36.3	12.7	7.45	5.07	5.33	25.7	28.1	33.0	20.6	1918
1919	24.4	17.3	33.2	71.7	46.5	18.8	8.25	5.95	10.6	32.7	46.8	39.8	29.5	1919
1920	12.2	7.00	30.8	82.3	27.4	11.8	8.03	3.02	5.48	9.37	18.2	34.6	19.2	1920
1921	25.4	10.5	68.7	89.8	27.1	8.67	4.83	4.17	4.13	6.88	5.85	28.7	22.1	1921
1922	17.0	7.88	18.2	98.3	27.5	8.89	11.2	8.12	5.73	5.52	10.7	11.8	19.0	1922
1923	10.4	6.89	15.5	63.4	76.8	24.8	8.85	5.07	5.25	4.20	13.6	28.0	21.8	1923
1924	20.0	13.2	22.1	84.8	57.8	18.7	11.1	4.01	3.74	5.81	4.28	16.0	20.0	1924
1925	8.52	18.7	32.3	74.7	28.8	18.1	8.24	4.52	5.38	5.90	23.0	17.5	20.1	1925
1926	8.18	6.81	16.4	28.1	89.8	35.4	18.3	9.85	10.3	12.2	87.3	31.1	28.1	1926
1927	16.2	14.7	38.8	40.8	36.1	28.7	21.4	8.87	7.84	15.8	30.2	30.9	24.3	1927
1928	23.1	16.5	26.1	137	52.7	17.7	21.6	15.0	23.2	85.3	46.7	38.0	40.3	1928
1929	33.8	27.8	54.5	116	70.3	18.7	8.06	8.78	5.87	3.81	5.77	5.48	29.6	1929
1930	11.5	18.1	27.1	84.4	58.7	24.8	9.15	9.24	5.88	8.88	12.7	8.32	30.6	1930
1931	2.88	8.46	14.4	54.4	32.7	4.20	1.80	1.31	0.847	2.32	18.0	20.8	13.6	1931
1932	32.1	29.0	23.2	86.5	26.8	12.6	11.8	7.03	27.7	32.8	44.1	22.7	27.8	1932
1933	26.8	14.8	14.8	91.3	36.5	12.8	11.3	4.78	2.81	5.83	7.15	12.3	19.8	1933
1934	7.84	6.81	17.2	72.5	46.5	10.8	5.87	5.75	4.84	4.47	24.2	18.0	18.0	1934
1935	13.2	8.52	31.1	46.2	30.3	30.8	18.3	6.82	4.78	12.7	26.3	19.8	19.8	1935
1936	10.8	10.8	27.2	58.8	85.0	27.0	9.35	4.26	5.64	18.6	23.2	15.6	23.1	1936
1937	83.3	27.6	20.0	70.1	45.8	14.6	10.0	7.33	7.85	19.2	46.2	17.8	28.3	1937
1938	12.3	16.1	46.8	86.8	31.4	18.4	5.88	4.77	18.5	13.3	18.5	15.5	24.3	1938
1939	17.6	13.4	13.8	85.0	80.9	12.6	5.76	8.37	5.85	5.83	16.7	7.91	21.3	1939
1940	7.59	5.55	6.69	38.0	57.3	19.8	7.10	8.23	24.8	19.1	33.5	22.2	20.6	1940
1941	20.1	11.6	10.6	88.3	21.8	8.04	4.45	4.01	4.45	10.4	44.6	21.8	20.8	1941
1942	17.5	10.5	32.2	81.8	38.7	15.6	7.76	8.32	11.8	23.0	43.3	17.3	26.8	1942
1943	13.1	13.2	16.3	81.8	107	22.6	10.1	6.81	5.89	5.47	12.4	8.13	23.8	1943
1944	8.88	8.85	7.81	47.6	38.8	10.2	7.83	5.83	4.75	19.0	18.9	14.0	16.9	1944
1945	8.45	8.83	61.3	51.8	33.6	32.7	8.84	6.83	6.84	15.1	25.4	12.5	22.8	1945
1946	24.8	17.0	61.6	36.3	30.3	14.0	5.30	4.11	4.87	4.78	18.4	27.1	20.6	1946
1947	18.5	17.2	18.9	104	82.6	32.8	18.5	10.1	5.62	8.38	8.89	13.0	28.0	1947
1948	8.43	8.11	41.7	86.7	40.8	13.6	7.83	5.30	4.81	5.28	32.8	22.6	23.0	1948
1949	20.8	19.7	35.1	98.2	28.5	15.8	11.0	5.87	4.44	7.19	8.48	26.8	22.9	1949
1950	51.1	24.0	15.8	58.7	28.3	13.8	7.45	7.83	7.48	5.11	18.1	30.7	21.1	1950
1951	18.0	11.1	28.1	131	35.4	8.84	11.3	7.17	7.39	23.2	53.8	32.8	30.7	1951
1952	28.0	18.8	18.8	87.1	27.8	14.8	8.77	6.88	12.8	8.74	18.0	31.4	23.1	1952
1953	18.1	17.8	80.8	80.8	25.9	12.8	8.16	6.02	5.88	8.78	8.15	14.8	18.5	1953
1954	12.8	13.8	38.3	70.9	31.8	24.8	7.80	7.81	6.82	49.1	28.0	20.8	28.2	1954
1955	15.4	13.0	18.2	84.0	15.1	7.85	8.08	6.82	4.08	4.77	22.1	10.8	17.0	1955
1956	7.80	8.11	12.2	38.8	82.2	25.7	15.9	8.63	21.8	17.8	18.8	20.1	21.6	1956
1957	18.3	16.8	21.4	41.8	20.6	16.8	44.7	4.48	24.7	17.8	48.7	81.3	27.3	1957
1958	26.6	15.2	18.0	38.0	7.82	8.81	13.8	8.18	11.1	12.7	17.0	12.3	18.6	1958
1959	11.3	17.0	18.8	82.4	60.0	14.1	7.71	12.2	12.8	18.8	48.3	31.4	27.6	1959
1960	18.2	15.3	14.8	103	58.6	17.7	19.7	11.3	10.1	7.84	25.3	15.2	28.2	1960
1961	10.4	8.02	16.8	58.0	28.6	10.3	18.0	10.7	10.8	8.88	7.81	18.0	18.8	1961
1962	11.3	18.9	11.2	87.8	28.2	8.36	4.28	5.82	4.80	5.55	7.04	8.31	14.0	1962
1963	8.81	8.84	13.2	83.8	42.8	13.0	5.88	7.87	8.21	7.44	13.3	14.3	18.4	1963
1964	12.8	18.8	20.8	38.6	23.8	8.33	3.40	4.73	8.84	11.8	10.8	28.6	18.3	1964
1965	21.0	18.8	18.7	87.2	84.2	7.82	8.82	8.88	21.2	81.2	38.8	41.8	29.0	1965
1966	28.2	18.8	28.7	43.8	27.7	18.2	8.84	4.82	6.44	11.3	44.4	69.8	28.1	1966
1967	21.2	24.1	18.7	78.8	23.8	28.4	18.8	10.7	10.7	29.6	83.0	31.8	29.7	1967
1968	20.3	26.6	25.2	81.8	13.8	12.8	11.8	10.2	18.2	12.1	13.3	21.8	19.8	1968
1969	18.8	17.8	23.2	84.8	48.8	20.2	10.8	8.82	11.2	18.8	44.8	24.8	25.7	1969
1970	14.1	13.8	13.8	80.0	46.7	13.0	38.1	13.0	13.3	26.4	28.1	32.4	28.7	1970
1971	17.8	16.3	25.3	77.2	48.0	12.8	7.78	8.81	7.72	8.78	8.89	21.8	21.4	1971
1972	17.8	20.0	18.8	85.7	70.7	24.3	18.8	24.1	15.8	28.7	21.8	14.7	28.3	1972
1973	27.8	28.2	68.8	70.8	38.8	38.1	14.3	15.7	10.0	14.4	19.8	21.7	31.1	1973
1974	18.3	26.8	28.8	87.2	57.3	18.3	7.82	10.2	8.82	31.8	41.8	31.8	28.8	1974
1975	17.6	17.1	30.8	88.1	84.2	8.33	8.18	7.20	12.1	13.7	14.3	28.4	22.7	1975
1976	18.3	20.2	49.2	84.4	27.3	10.4	11.2	7.08	7.83	8.08	7.85	19.0	23.2	1976
1977	8.85	8.36	40.8	88.7	15.8	8.10	8.87	5.28	18.2	38.7	28.2	31.5	23.8	1977
1978	20.7	13.6	12.8	87.1	85.2	12.8	8.02	8.84	18.8	21.2	22.8	20.8	22.8	1978
1979	20.8	15.8	45.8	74.5	44.3	17.8	7.18	8.15	13.1	38.3	38.2	38.1	29.8	1979
1980	31.4	18.8	24.8	108	23.4	25.8	15.4	15.8	28.1	33.8	38.2	28.7	31.8	1980
1981	18.4	34.5	40.8	83.5	28.8	14.8	10.8	10.8	87.1	40.8	21.8	23.2	31.7	1981
1982	18.8	18.8	20.8	83.8	37.3	18.7	10.4	8.33	18.3	21.2	38.1	88.1	28.0	1982
1983	41.4	22.8	37.3	38.8	85.5	20.6	8.78	2.77	11.8	17.8	18.8	22.2	28.8	1983
1984	18.8	38.1	32.1	73.8	44.3	22.0	15.4	8.18	14.8	13.7	27.4	28.8	28.2	1984
1985	24.7	22.8	38.8	110	60.8	13.7	18.4	17.8	34.1	31.5	42.1	31.1	37.2	1985
1986	22.8	18.8	33.7	87.7	32.8	28.1	11.8	10.8	20.1	38.4	17.7	21.8	27.7	1986
1987	14.8	15.8	28.8	88.8	13.4	10.3	4.24	2.83	7.84	10.8	18.1	28.2	17.3	1987
1988	21.7	30.3	23.8	84.3	38.1	8.83	3.24	8.88	12.7	28.4	40.1	21.3	27.8	1988
MEAN	18.7	16.3	28.8	70.7	41.8	15.8	11.8	7.80	11.8	18.8	25.8	23.8	24.8	MEAN

LOCATION - LAT 45 12 45 N DRAINAGE AREA, 1 350 km²
LONG 79 18 30 W REGULATED

REMARKS - CONVERTED TO RECORDER AUG 18 1986.

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	123 ON APR 22	1.50 ON SEP 10	914 000	1916
1917	---	136 ON APR 26	2.24 ON SEP 27	733 000	1917
1918	---	88.0 ON APR 8	2.55 ON JUL 25	852 000	1918
1919	---	97.1 ON APR 18	2.83 ON AUG 2	831 000	1919
1920	---	114 ON APR 2	1.27 ON FEB 29	808 000	1920
1921	---	148 ON MAR 28	0.385 ON MAY 21	896 000	1921
1922	---	157 ON APR 16	3.91 ON SEP 29	598 000	1922
1923	---	133 ON MAY 1	3.06 ON NOV 17	688 000	1923
1924	---	81.6 ON MAY 10	0.198 ON JUN 21	832 000	1924
1925	---	87.1 ON APR 7	2.27 B ON JAN 10	835 000	1925
1926	---	148 ON MAY 8	5.04 ON JAN 1	885 000	1926
1927	---	71.6 ON APR 22	4.30 ON AUG 20	785 000	1927
1928	---	228 ON APR 13 *	3.48 ON JUN 6	1 280 000	1928
1929	---	156 ON APR 14	2.69 R ON OCT 18	938 000	1929
1930	---	122 ON APR 22	2.21 R ON OCT 17	858 000	1930
1931	---	100 ON APR 19	0.142R ON SEP 15 *	436 000	1931
1932	---	87.7 ON APR 13	0.312 ON DEC 1	883 000	1932
1933	---	148 R ON APR 21	1.70 R ON SEP 21	839 000	1933
1934	---	108 ON APR 25	4.47 E ON OCT 1	800 000	1934
1935	---	73.8 ON APR 18	4.08 ON SEP 27	834 000	1935
1936	---	138 ON MAY 5	2.78 ON SEP 25	732 000	1936
1937	---	105 ON APR 25	2.04 ON JUN 30	835 000	1937
1938	---	145 ON APR 1	2.92 ON AUG 18	785 000	1938
1939	---	161 ON MAY 1	2.49 ON OCT 31	872 000	1939
1940	---	88.0 ON MAY 29	4.81 ON FEB 21	858 000	1940
1941	---	180 ON APR 21	2.36 ON OCT 1	858 000	1941
1942	---	116 ON APR 7	2.46 ON SEP 4	805 000	1942
1943	---	158 ON MAY 3	1.73 ON NOV 3	752 000	1943
1944	---	106 ON APR 28	3.83 ON SEP 27	803 000	1944
1945	---	126 ON MAR 24	5.10 ON SEP 1	718 000	1945
1946	---	107 ON MAR 23	1.84 ON AUG 10	849 000	1946
1947	---	162 ON APR 16	5.88 ON NOV 5	884 000	1947
1948	---	116 ON MAR 28	3.68 ON OCT 6	729 000	1948
1949	---	114 ON APR 5	3.68 ON NOV 8	724 000	1949
1950	---	72.5 ON APR 8	3.91 ON AUG 11	857 000	1950
1951	---	162 ON APR 15	5.66 ON AUG 13	987 000	1951
1952	---	121 ON APR 23	5.18 ON JUL 8	731 000	1952
1953	---	121 ON MAR 29	3.03 ON JUL 4	585 000	1953
1954	---	128 ON APR 18	5.66 ON JUL 10	826 000	1954
1955	---	145 R ON APR 20	0.481 ON OCT 11	638 000	1955
1956	---	151 ON MAY 15	0.534 ON JUN 14	685 000	1956
1957	---	146 ON JUL 5	3.17 ON OCT 17	880 000	1957
1958	---	61.2R ON APR 23	3.65 ON MAY 31	493 000	1958
1959	---	138 R ON APR 27	4.13 ON JUL 10	859 000	1959
1960	---	154 ON APR 23	5.07 ON JUN 17	829 000	1960
1961	---	104 ON APR 28	3.33 ON JUN 18	526 000	1961
1962	---	82.7 ON APR 25	3.00 ON SEP 11	440 000	1962
1963	---	104 ON APR 6	4.47 ON JUL 4	518 000	1963
1964	---	88.1 ON APR 17	3.11 ON JUL 1	482 000	1964
1965	---	114 ON MAY 4	3.40 ON JUL 2	812 000	1965
1966	---	102 ON NOV 30	2.75 ON AUG 2	782 000	1966
1967	---	114 ON NOV 5	6.89 ON SEP 25	838 000	1967
1968	---	86.3 ON APR 8	7.22 ON AUG 26	617 000	1968
1969	---	102 ON APR 18	6.23 ON JUL 15	812 000	1969
1970	---	129 ON APR 26	6.03 ON JUN 11	810 000	1970
1971	---	147 ON APR 25	5.66 ON AUG 22	874 000	1971
1972	---	126 ON APR 26	6.21 ON SEP 26	928 000	1972
1973	---	117 ON APR 6	6.86 ON JUL 26	881 000	1973
1974	---	167 ON APR 20	4.81 ON JUL 20	940 000	1974
1975	---	145 ON MAY 1	4.88 ON JUN 3	715 000	1975
1976	---	188 ON APR 5	2.97 ON AUG 4	733 000	1976
1977	---	110 ON APR 8	3.51 ON AUG 20	748 000	1977
1978	---	112 ON MAY 1	4.45 ON AUG 15	720 000	1978
1979	---	130 ON APR 3	4.37 ON JUL 19	944 000	1979
1980	---	185 ON APR 15	7.93 ON AUG 21	1 000 000	1980
1981	---	183 ON SEP 8	4.85 ON APR 19	1 000 000	1981
1982	---	144 ON APR 23	7.36 ON JUL 10	815 000	1982
1983	---	122 ON MAY 10	2.41 ON AUG 21	808 000	1983
1984	---	108 ON MAY 25	4.85 ON AUG 11	891 000	1984
1985	---	204 ON APR 25	7.40 ON JUN 11	1 170 000	1985
1986	---	186 A ON APR 8	8.48 A ON JUL 18	876 000	1986
1987	95.6 AT 08:00 EST ON APR 8 *	95.0 ON APR 7	2.30 ON AUG 8	547 000	1987
1988	---	157 ON APR 10	3.02 ON JUL 15	883 000	1988
				767 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	8.67	8.95	8.28	7.75	18.3	8.85	---	1939
1940	7.82	8.31	7.21	38.8	56.0	20.8	7.88	8.50	23.3	16.8	31.5	22.1	20.7	1940
1941	16.8	11.7	11.1	89.6	22.3	9.89	8.05	4.85	5.14	10.8	42.7	23.2	21.2	1941
1942	17.6	11.3	31.8	79.5	39.6	16.7	7.82	8.88	11.4	21.5	42.2	17.8	25.3	1942
1943	13.5	13.8	16.4	82.7	107	23.3	10.7	7.26	7.05	8.84	12.8	10.1	24.3	1943
1944	7.63	9.40	8.58	48.2	38.7	11.0	8.09	8.36	8.33	19.4	19.8	14.5	16.4	1944
1945	8.80	8.86	83.0	53.1	33.9	31.2	9.33	5.12	5.86	15.0	25.7	12.9	22.7	1945
1946	24.5	17.2	82.0	38.2	31.9	14.0	8.37	4.38	4.43	4.51	14.8	28.7	20.7	1946
1947	18.8	17.9	17.8	106	84.8	31.7	16.5	8.88	8.28	8.80	10.1	13.1	28.5	1947
1948	8.49	8.13	41.8	86.8	42.1	14.0	7.83	5.83	4.88	8.18	31.8	23.0	23.3	1948
1949	22.0	21.8	38.0	88.7	27.3	15.8	11.2	8.75	4.56	8.48	8.28	28.4	23.8	1949
1950	80.4	25.8	16.2	58.3	28.8	14.7	7.84	8.18	7.48	8.28	18.8	21.7	21.5	1950
1951	18.8	11.3	28.8	132	36.7	10.8	11.4	7.38	7.87	23.4	53.7	34.5	31.3	1951
1952	28.5	19.4	16.8	88.8	28.8	16.3	8.83	7.74	12.8	8.27	18.1	31.8	23.8	1952
1953	19.3	17.8	52.8	82.1	27.1	13.8	8.80	8.28	8.19	7.00	8.42	15.1	19.2	1953
1954	12.8	14.2	38.8	71.8	33.8	25.7	7.87	7.77	8.48	80.1	28.8	22.8	27.1	1954
1955	18.8	13.4	16.7	88.8	16.7	8.34	8.58	7.23	4.38	5.09	22.8	10.8	17.8	1955
1956	8.14	8.38	12.8	38.8	62.8	28.8	17.8	8.43	21.8	14.0	20.0	21.5	22.3	1956
1957	17.3	17.8	22.8	42.8	22.4	20.8	48.8	4.88	25.8	20.0	48.7	52.8	28.8	1957
1958	27.8	15.8	16.2	40.3	8.26	10.2	14.0	8.08	11.0	13.8	17.7	13.0	16.3	1958
1959	11.8	17.3	17.8	83.7	58.4	14.8	8.15	13.3	13.4	18.8	47.2	33.0	28.2	1959
1960	18.8	16.2	14.3	104	82.8	18.8	30.8	12.1	8.87	7.85	25.8	16.2	27.1	1960
1961	10.8	8.58	17.8	88.8	31.3	11.4	16.2	11.2	10.8	7.11	8.38	17.7	17.5	1961
1962	11.8	17.8	12.3	82.0	31.0	8.71	4.78	8.87	4.86	---	---	---	---	1962
MEAN	17.8	14.3	25.2	70.8	40.8	16.8	11.4	7.83	8.71	13.4	24.8	21.3	23.1	MEAN

LOCATION - LAT 45 10 58 N DRAINAGE AREA, 1 440 km²
LONG 79 16 34 W REGULATED

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1939	---	---	---	---	1939
1940	---	84.3 ON MAY 6	4.38 ON JUL 30	655 000	1940
1941	---	159 ON APR 21	3.57 ON SEP 29	668 000	1941
1942	---	114 ON APR 8	3.88 ON SEP 6	795 000	1942
1943	---	186 ON MAY 4 *	2.55 ON NOV 5	767 000	1943
1944	---	102 ON APR 27	4.30 ON SEP 6	518 000	1944
1945	---	127 ON MAR 23	4.22 ON SEP 3	715 000	1945
1946	---	106 ON MAR 23	1.67 ON AUG 11	654 000	1946
1947	---	184 ON APR 17	4.36 ON OCT 27	656 000	1947
1948	---	122 ON APR 12	3.17 ON OCT 6	737 000	1948
1949	---	116 ON APR 6	2.10 ON OCT 25	742 000	1949
1950	---	72.6 ON APR 6	3.88 ON AUG 21	579 000	1950
1951	---	184 ON APR 16	5.89 ON AUG 15	887 000	1951
1952	---	127 ON APR 24	8.12 ON AUG 13	758 000	1952
1953	---	123 ON MAR 29	3.82 ON JUL 6	606 000	1953
1954	---	128 ON APR 18	8.03 ON JUL 10	853 000	1954
1955	---	150 ON APR 20	0.481 ON OCT 12 *	583 000	1955
1956	---	153 ON MAY 15	2.28 ON JUN 14	709 000	1956
1957	---	149 ON JUL 6	3.98 ON AUG 13	888 000	1957
1958	---	81.4 ON APR 23	4.02 ON MAY 31	514 000	1958
1959	---	140 ON APR 26	4.30 ON JUL 10	880 000	1959
1960	---	155 ON APR 22	8.28 ON JUN 17	658 000	1960
1961	---	112 ON APR 26	4.11 ON JUN 18	553 000	1961
1962	---	86.7 ON APR 25	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		728 000	MEAN

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	2.11	1.36	1.61	6.33	0.598	0.078	0.005	0.003	0.001	0.584	0.037	0.082	1.00	1978
1979	0.241	0.214	3.77	2.21	0.424	0.107	0.026	0.004	0.124	0.348	0.938	1.34	0.806	1979
1980	0.448	0.023	2.68	2.85	0.775	0.575	0.047	0.030	0.048	0.505	1.02	1.18	0.828	1980
1981	0.206	3.72	1.00	0.735	0.741	0.806	0.088	0.713	1.74	1.46	1.34	0.478	1.05	1981
1982	0.450	0.248	2.15	4.02	0.278	0.315	0.118	0.374	0.281	0.267	1.11	1.47	0.922	1982
1983	0.648	0.620	2.58	2.62	1.75	0.178	0.015	0.003	0	0.006	1.08	1.63	0.835	1983
1984	0.398	1.88	1.43	4.88	1.13	0.284	0.012	0.026	0.030	0.037	0.058	0.188	0.829	1984
1985	0.185	0.483	3.12	1.87	0.401	0.145	0.033	0.582	0.011	0.084	0.507	0.410	0.815	1985
1986	0.896	0.283	1.87	1.47	1.34	0.470	0.734	0.821	0.888	2.11	1.25	1.38	1.11	1986
1987	0.392	0.306	2.88	1.84	0.444	0.588	0.084	0.585	0.041	0.118	0.838	1.88	0.788	1987
1988	0.188	0.382	1.88	1.82	0.885	0.039	0.014	0.012	0.035	0.260	1.81	0.310	0.887	1988
MEAN	0.838	0.883	2.30	2.78	0.778	0.278	0.108	0.184	0.287	0.483	0.898	0.851	0.883	MEAN

LOCATION - LAT 44 59 40 N DRAINAGE AREA, 88.2 km²
LONG 75 31 00 W NATURAL FLOW

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	15.2 AT 18:26 EST ON APR 13 *	13.2 ON APR 13	0 ON SEP 10 *	31 500	1978
1979	10.1 AT 05:30 EST ON MAR 25	9.90 ON MAR 25	0.001 ON JUL 22	25 800	1979
1980	---	14.8 B ON MAR 22 *	0.006 ON JUL 15	28 100	1980
1981	---	13.5 B ON FEB 21	0.018 ON AUG 4	33 500	1981
1982	---	14.8 B ON APR 1	0.030 ON AUG 23	29 000	1982
1983	9.50 AT 18:53 EST ON MAR 19	8.48 ON MAR 20	0 ON AUG 12	25 500	1983
1984	14.8 AT 02:05 EST ON APR 6	14.1 ON APR 6	0.004 ON JUL 15	28 100	1984
1985	10.1 AT 22:33 EST ON APR 5	8.418 ON MAR 13	0 ON AUG 23	19 450	1985
1986	13.0 AT 13:25 EST ON SEP 30	10.1 ON MAY 23	0.091 ON JUL 24	24 900	1986
1987	---	11.5 E ON MAR 26	0.001 ON AUG 14	24 800	1987
1988	---	8.018 ON MAR 26	0 ON AUG 8	18 800	1988
				27 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH CREEK AT DELHI - STATION NO. 02GC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	1.84	0.880	0.826	---	1954
1955	0.798	0.888	1.70	1.15	0.488	0.292	0.265	0.255	0.238	0.495	0.713	0.714	0.852	1955
1956	0.374	0.736	1.78	1.02	1.32	0.444	0.414	0.407	0.422	0.347	0.383	0.584	0.695	1956
1957	0.672	0.708	0.735	1.02	0.880	0.388	0.394	0.432	0.537	0.433	0.821	1.15	0.655	1957
1958	0.474	0.417	0.837	0.628	0.286	0.281	0.245	0.174	0.209	0.215	0.283	0.282	0.381	1958
1959	0.508	0.882	1.18	0.838	0.571	0.341	0.185	0.160	0.211	0.297	0.463	0.740	0.514	1959
1960	0.895	0.883	1.64	2.38	1.02	0.583	0.287	0.261	0.204	0.269	0.303	0.217	0.718	1960
1961	0.184	0.428	0.788	1.06	0.885	0.557	0.254	0.407	0.304	0.219	0.335	0.505	0.483	1961
1962	0.475	0.420	0.961	0.734	0.441	0.295	0.180	0.185	0.185	0.221	0.388	0.413	0.404	1962
1963	0.283	0.284	0.827	0.836	0.525	0.213	0.110	0.208	0.208	0.145	0.180	0.182	0.334	1963
1964	0.255	0.274	0.808	0.843	0.546	0.239	0.183	0.576	0.384	0.300	0.285	0.475	0.414	1964
1965	0.864	0.868	2.05	1.81	0.480	0.267	0.213	0.234	0.252	0.402	0.817	0.752	0.717	1965
1966	0.524	0.584	1.00	0.882	0.578	0.387	---	---	---	---	---	---	---	1966
MEAN	0.478	0.572	1.18	1.10	0.648	0.358	0.245	0.309	0.285	0.407	0.453	0.554	0.542	MEAN

LOCATION - LAT 42 51 10 N
LONG 80 30 35 W
DRAINAGE AREA, 84.4 km^2
REGULATED

NORTH CREEK AT DELHI - STATION NO. 02GC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	8.18E ON MAR 1	0.170 ON JUL 5	20 800	1955
1956	---	10.2 ON MAR 7	0.283 ON JAN 19	22 000	1956
1957	---	4.33 ON APR 6	0.198 ON AUG 1	20 700	1957
1958	---	1.47 ON APR 7	0.085 ON AUG 4	11 400	1958
1959	---	3.37 ON MAR 8	0.057 ON AUG 4	16 200	1959
1960	---	28.3 ON MAR 31 *	0.127 ON SEP 8	22 700	1960
1961	---	2.97 ON APR 16	0.122 ON FEB 11	15 500	1961
1962	---	4.16 ON MAR 12	0 ON JUL 10 *	12 700	1962
1963	---	3.06 ON APR 20	0.011 ON JUN 26	10 500	1963
1964	---	1.78 ON AUG 23	0 ON JUL 28	13 100	1964
1965	---	14.2 E ON MAR 6	0 ON NOV 23	22 800	1965
1966	---	2.01 ON FEB 11	0.167 ON JAN 27	---	1966
				17 100	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.490	0.343	0.284	3.81	5.51	0.834	1.53	0.212	0.232	0.452	0.784	0.433	1.21	1972
1973	0.249	0.108	0.728	4.24	2.10	1.10	0.508	0.402	2.41	1.82	2.61	0.834	1.40	1973
1974	0.257	0.169	0.270	5.11	5.47	3.13	2.10	0.839	0.900	1.42	1.36	0.780	1.75	1974
1975	1.49	0.577	0.373	3.75	3.24	0.740	0.383	0.152	0.177	0.376	0.645	0.682	1.04	1975
1976	0.185	0.182	0.264	8.40	1.58	0.825	0.323	0.032	0.008	0.014	0.045	0.038	0.891	1976
1977	0.004	0.003	0.258	1.65	0.948	0.418	0.185	0.805	7.93	2.82	2.43	1.10	1.81	1977
1978	0.441	0.203	0.124	2.02	4.20	0.801	0.214	0.082	0.474	0.268	0.189	0.204	0.777	1978
1979	0.174	0.180	0.247	4.44	5.35	1.10	0.281	0.169	0.808	0.531	1.80	0.682	1.33	1979
1980	0.176	0.125	0.313	3.30	1.84	0.165	0.280	0.340	3.53	1.98	1.29	0.581	1.13	1980
1981	0.328	0.268	0.498	5.80	2.04	2.48	0.401	0.083	0.077	0.388	0.308	0.274	1.09	1981
1982	0.208	0.142	0.101	3.83	4.48	0.800	1.38	0.034	0.388	3.90	2.13	0.887	1.58	1982
1983	0.487	0.402	0.812	3.37	4.33	1.81	0.880	0.417	0.144	1.78	1.74	1.13	1.42	1983
1984	0.443	0.381	0.248	4.25	2.72	2.08	0.598	0.251	0.188	1.13	1.81	2.80	1.35	1984
1985	0.475	0.238	0.272	5.35	4.42	1.98	0.880	0.844	1.27	3.41	1.88	0.423	1.78	1985
1986	0.288	0.270	0.324	5.24	2.85	0.388	0.220	0.258	0.302	0.387	1.60	0.518	1.05	1986
1987	0.327	0.263	0.268	1.62	0.397	0.263	0.088	0.168	0.380	1.54	0.788	0.282	0.532	1987
1988	0.093	0.080	0.283	3.13	1.83	0.340	0.088	1.80	1.20	1.37	3.18	0.898	1.15	1988
MEAN	0.388	0.238	0.314	4.07	3.14	1.08	0.582	0.440	1.18	1.38	1.43	0.704	1.24	MEAN

LOCATION - LAT 48 30 04 N
LONG 88 10 47 W
DRAINAGE AREA, 111 km^2
NATURAL FLOW

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	22.8 ON MAY 2	0.085 ON SEP 4	38 300	1972
1973	---	18.1 ON NOV 22	0.0918 ON FEB 9	44 100	1973
1974	---	20.2 ON JUL 9	0.1398 ON JAN 8	55 100	1974
1975	---	10.8 B ON APR 28	0.0888 ON AUG 13	32 900	1975
1976	---	27.2 ON APR 15	0.007 ON AUG 31	31 300	1976
1977	---	33.1 ON SEP 9 *	0.0038 ON JAN 10 *	47 800	1977
1978	---	13.4 ON APR 29	0.026 ON AUG 14	24 800	1978
1979	24.8 AT 08:13 EST ON MAY 11	23.2 ON MAY 11	0.078 ON AUG 12	41 900	1979
1980	14.5 AT 07:24 EST ON SEP 20	12.5 ON SEP 20	0.071 ON JUL 9	35 600	1980
1981	11.9 AT 11:42 EST ON APR 8	9.23 ON APR 14	0.026 ON AUG 29	34 400	1981
1982	25.4 AT 02:02 EST ON APR 26	20.1 ON APR 26	0.0979 ON MAR 18	49 800	1982
1983	14.4 AT 12:18 EST ON APR 28	13.3 ON APR 27	0.047 ON SEP 8	44 800	1983
1984	8.96 AT 12:51 EST ON APR 15	8.87 ON APR 16	0.085 ON SEP 1	42 700	1984
1985	32.8 AT 01:51 EST ON APR 21 *	25.1 ON APR 21	0.180 ON AUG 4	55 800	1985
1986	16.0 AT 22:17 EST ON APR 27	11.1 ON APR 28	0.085 ON JUL 11	33 200	1986
1987	3.38 AT 22:08 EST ON APR 10	3.27 ON APR 10	0.026 ON JUL 31	18 400	1987
1988	---	13.7 ON NOV 17	0.045 ON JUL 25	36 300	1988
				38 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	---	74.7	---	1966
1967	28.4	14.4	8.18	87.0	495	105	95.5	61.8	17.8	46.0	66.3	35.0	88.0	1967
1968	19.1	11.2	11.6	353	190	45.7	221	267	176	236	89.9	36.4	138	1968
1969	20.6	16.4	16.9	44.6	317	151	143	117	99.2	186	49.7	26.6	97.9	1969
1970	17.4	12.6	8.30	20.4	121	132	69.7	38.2	156	93.3	49.1	27.7	62.4	1970
1971	17.4	12.1	8.97	73.0	278	90.8	168	264	306	210	41.9	18.9	124	1971
1972	11.2	8.87	7.91	11.3	418	65.1	60.2	20.2	15.5	118	63.0	30.0	71.3	1972
1973	20.6	24.0	59.7	175	258	88.6	71.6	80.0	56.6	80.9	41.7	20.1	80.0	1973
1974	13.1	9.66	7.95	8.53	385	205	127	83.5	76.6	184	108	18.2	103	1974
1975	8.01	6.45	5.91	20.0	200	57.6	91.6	58.2	23.2	23.8	74.6	27.4	49.8	1975
1976	14.7	9.82	8.21	49.0	190	138	110	48.0	78.7	80.4	29.3	10.0	58.6	1976
1977	6.28	4.89	7.47	280	273	80.1	84.7	84.1	181	81.3	98.3	28.4	84.7	1977
1978	9.84	5.86	4.05	5.29	435	367	198	41.3	65.4	183	58.3	22.8	110	1978
1979	13.3	8.73	8.32	166	506	147	84.1	82.6	127	187	97.6	30.8	120	1979
1980	15.9	10.5	8.55	113	305	143	37.5	25.7	37.6	185	48.4	7.67	78.0	1980
1981	3.61	4.14	10.6	138	382	187	82.6	18.4	84.5	86.4	57.4	21.1	80.8	1981
1982	11.2	7.73	6.22	21.6	371	78.8	212	82.8	116	182	134	44.3	102	1982
1983	16.6	12.2	13.0	22.2	461	145	86.6	28.6	156	116	89.3	26.8	91.2	1983
1984	9.66	8.17	8.26	122	214	218	187	38.2	41.6	81.6	83.7	44.8	88.2	1984
1985	30.1	8.89	8.26	126	317	129	116	71.4	80.7	129	102	25.4	93.4	1985
1986	12.2	8.01	8.41	246	272	80.7	88.3	80.4	66.0	142	84.1	17.2	88.4	1986
1987	8.30	6.22	8.26	136	118	106	110	113	76.7	176	86.8	46.2	83.3	1987
1988	16.2	12.8	8.73	217	436	104	83.6	117	112	129	190	89.2	126	1988
MEAN	14.4	10.2	10.8	108	311	124	106	78.8	84.0	128	78.8	30.8	91.8	MEAN

LOCATION - LAT 51 05 00 N
LONG 80 48 00 W
DRAINAGE AREA, 8 880 km^2
NATURAL FLOW

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	846 ON MAY 9	7.938 ON MAR 30	2 720 000	1968
1969	889 AT 01:00 EST ON MAY 8	731 ON APR 20	8.788 ON MAR 11	4 360 000	1969
		827 ON MAY 4	15.7 B ON MAR 27	3 090 000	1969
1970	---	292 ON SEP 7	8.788 ON MAR 23	1 870 000	1970
1971	---	849 ON OCT 2	8.308 ON MAR 29	3 900 000	1971
1972	748 AT 02:26 EST ON MAY 15	733 ON MAY 15	7.878 ON MAR 4	2 280 000	1972
1973	849 AT 10:30 EST ON APR 23	883 ON APR 23	15.6 B ON DEC 31	2 820 000	1973
1974	778 AT 01:00 EST ON MAY 18	748 ON MAY 17	7.428 ON APR 14	3 280 000	1974
1975	---	5448 ON MAY 3	8.728 ON MAR 31	1 870 000	1975
1976	---	178 ON SEP 17	7.508 ON DEC 31	1 880 000	1976
1977	883 AT 03:00 EST ON APR 26	855 ON APR 26	4.118 ON MAR 7	2 980 000	1977
1978	893 AT 17:30 EST ON MAY 12	860 ON MAY 14	3.348 ON APR 7	3 480 000	1978
1979	871 AT 17:00 EST ON APR 26 *	928 ON MAY 10	8.898 ON MAR 18	3 770 000	1979
1980	810 AT 11:00 EST ON APR 27	838 ON APR 30	4.708 ON DEC 31	2 400 000	1980
1981	841 AT 02:27 EST ON MAY 7	825 ON MAY 8	2.788 ON FEB 15 *	2 950 000	1981
1982	902 AT 12:15 EST ON MAY 5	891 ON MAY 5	8.908 ON MAR 18	3 210 000	1982
1983	---	1 0008 ON MAY 7 *	10.7 B ON MAR 6	2 860 000	1983
1984	821 AT 05:15 EST ON JUN 30	809 ON JUN 30	8.808 ON MAR 18	2 730 000	1984
1985	---	8008 ON APR 28	8.808 ON MAR 22	3 910 000	1985
1986	800 AT 11:15 EST ON APR 30	786 ON APR 30	8.958 ON MAR 20	2 780 000	1986
1987	413 AT 22:00 EST ON APR 18	383 ON APR 19	8.108 ON MAR 19	2 830 000	1987
1988	---	713 ON MAY 4	8.208 ON MAR 20	3 980 000	1988
				2 900 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	1.95	3.57	6.08	3.34	2.08	1.16	0.782	1.16	1.06	1.30	1.08	---	1968
1969	0.844	0.810	1.46	9.77	6.53	2.84	1.14	1.11	2.88	3.52	6.80	1.90	3.16	1969
1970	0.720	0.605	0.819	9.41	3.98	2.07	3.86	0.685	1.68	2.76	2.38	1.80	2.68	1970
1971	1.14	0.887	1.00	10.4	4.13	1.21	0.670	0.708	0.871	0.784	1.80	2.84	2.14	1971
1972	1.07	1.02	1.26	9.68	8.31	3.84	1.80	2.32	1.26	2.84	3.83	1.13	3.23	1972
1973	1.18	0.985	5.51	8.01	3.82	2.82	1.41	1.16	1.03	1.71	2.76	3.01	2.78	1973
1974	2.32	2.40	2.78	12.9	5.94	2.02	1.27	0.684	0.903	2.38	4.82	1.68	3.33	1974
1975	1.78	1.38	1.88	8.85	5.55	0.877	0.844	0.530	2.52	2.88	2.78	5.51	2.85	1975
1976	1.11	0.978	9.37	9.01	4.83	1.98	1.43	0.550	0.988	1.16	1.63	1.43	2.83	1976
1977	0.737	0.517	6.11	9.06	1.56	0.702	0.810	0.718	2.34	3.78	4.18	2.55	2.74	1977
1978	1.03	0.885	0.824	6.86	5.87	1.28	0.514	0.878	1.43	3.12	2.06	1.88	2.18	1978
1979	1.04	0.886	6.81	10.7	3.83	1.30	0.879	0.712	0.915	2.82	4.83	2.71	3.12	1979
1980	2.78	0.858	2.12	11.8	2.63	3.87	3.08	1.82	3.14	4.08	3.70	1.54	3.48	1980
1981	1.02	5.57	3.14	9.70	3.88	2.71	2.67	1.58	5.70	5.55	2.28	1.84	3.78	1981
1982	1.27	0.844	1.34	12.0	2.28	1.10	0.803	0.410	2.08	3.02	4.34	7.15	3.03	1982
1983	2.83	1.27	3.95	4.42	7.09	1.84	0.487	0.370	0.809	1.73	3.38	1.84	2.48	1983
1984	1.04	4.48	2.17	9.37	4.82	2.18	2.38	0.883	1.14	1.88	3.93	3.15	3.10	1984
1985	3.20	1.47	2.38	13.4	3.12	1.53	2.03	2.88	1.88	2.60	3.45	2.28	3.27	1985
1986	1.25	0.878	4.85	9.35	3.36	2.01	0.836	0.591	0.477	1.84	1.28	1.12	2.32	1986
1987	0.778	0.585	3.71	5.85	1.33	1.07	0.382	0.470	0.320	1.17	1.99	2.69	1.70	1987
1988	1.00	1.83	1.72	11.8	2.83	0.533	0.319	1.06	0.719	3.87	4.85	1.78	2.88	1988
MEAN	1.34	1.46	3.11	9.57	4.24	1.87	1.36	1.01	1.83	2.59	3.13	2.41	2.84	MEAN

LOCATION - LAT 45 42 12 N DRAINAGE AREA, 149 km²
LONG 79 16 33 W NATURAL FLOW

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	28.2 ON APR 5	0.147 ON AUG 15 *	---	1968
1969	---	24.7 ON APR 11	0.303 ON SEP 4	100 000	1969
1970	31.4 AT 11:30 EST ON JUL 22	30.3 ON JUL 22	0.303 ON AUG 15	81 300	1970
1971	34.0 AT 15:45 EST ON APR 20	23.5 ON APR 20	0.328 ON SEP 18	67 700	1971
1972	37.7 AT 03:17 EST ON MAY 4	35.1 ON MAY 4	0.626 ON SEP 24	102 000	1972
1973	24.3 AT 08:58 EST ON APR 3	23.9 ON APR 3	0.607 ON JUL 24	86 000	1973
1974	38.9 AT 22:01 EST ON APR 15	35.4 ON APR 15	0.337 ON SEP 8	105 000	1974
1975	34.1 AT 18:10 EST ON APR 25	23.8 ON APR 25	0.288 ON AUG 21	93 100	1975
1976	36.2 AT 22:23 EST ON MAR 28	30.0 ON MAR 29	0.348 ON AUG 25	88 400	1976
1977	27.6 AT 20:49 EST ON MAR 31	26.1 ON MAR 31	0.285 ON JUL 29	88 500	1977
1978	23.0 AT 20:10 EST ON APR 26	22.6 ON APR 26	0.343 ON AUG 15	88 800	1978
1979	30.5 AT 08:37 EST ON MAR 26	29.5 ON MAR 26	0.314 ON JUL 24	98 400	1979
1980	49.0 AT 05:44 EST ON APR 10	46.3 ON APR 10	0.868E ON MAR 14	109 000	1980
1981	31.8 AT 15:12 EST ON APR 5	30.3 ON APR 5	0.738 ON AUG 23	120 000	1981
1982	52.1 AT 15:21 EST ON APR 18 *	47.4 ON APR 18	0.376 ON AUG 18	95 600	1982
1983	24.5 AT 05:21 EST ON MAY 9	23.3 ON MAY 9	0.315 ON AUG 16	78 300	1983
1984	17.0 AT 08:19 EST ON MAY 27	16.0 ON MAY 27	0.807 ON SEP 9	93 000	1984
1985	48.8 AT 06:49 EST ON APR 23	47.5 ON APR 23 *	0.865 ON AUG 17	103 000	1985
1986	40.8 AT 18:38 EST ON MAR 31	34.2 ON MAR 31	0.235E ON SEP 28	73 200	1986
1987	24.0 AT 14:16 EST ON MAR 31	23.3 ON MAR 31	0.158 ON SEP 19	53 700	1987
1988	---	36.0 ON APR 5	0.202 ON AUG 3	94 300	1988
				89 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	2.41	0.801	4.51	4.43	5.38	---	1915
1916	5.38	5.01	4.18	24.3	14.6	9.79	2.72	0.852	1.98	5.37	7.89	11.3	8.10	1916
1917	2.84	2.55	2.58	21.2	10.4	5.95	10.2	2.29	1.19	3.72	4.15	2.12	5.78	1917
1918	1.24	1.00	3.65	16.9	9.27	3.84	1.67	1.16	2.19	5.24	7.80	7.40	5.40	1918
1919	4.51	2.53	8.31	18.2	13.9	6.00	1.17	1.14	1.84	3.58	5.65	7.24	6.45	1919
1920	2.27	1.88	9.84	15.9	9.44	2.41	3.21	1.44	1.83	2.23	5.83	5.80	5.15	1920
1921	4.85	2.73	10.3	16.8	8.48	2.80	1.16	1.83	0.817	1.83	5.03	8.51	5.00	1921
1922	3.83	3.02	5.23	28.4	8.85	2.11	2.80	1.47	0.787	0.982	2.23	2.01	5.00	1922
1923	1.50	1.33	1.48	20.6	10.7	5.47	1.33	0.858	1.78	0.853	1.78	5.21	5.21	1923
1924	2.40	2.24	3.32	17.7	16.8	6.30	1.28	1.03	0.888	1.31	1.44	3.31	4.92	1924
1925	1.81	2.58	4.31	23.5	7.07	6.21	2.88	0.957	0.892	1.27	5.38	4.77	5.05	1925
1926	2.34	1.98	1.55	6.68	25.2	6.65	5.20	1.72	1.21	1.88	15.2	8.09	6.32	1926
1927	2.38	2.21	9.30	12.1	8.83	6.34	4.21	1.47	0.944	3.79	7.85	7.13	5.60	1927
1928	4.32	2.92	3.58	32.6	17.9	6.21	6.19	8.80	8.77	18.3	10.2	6.18	10.4	1928
1929	5.18	3.89	7.68	30.9	15.7	4.53	2.15	1.06	0.928	1.07	2.01	1.58	6.38	1929
1930	2.46	3.20	4.87	15.8	8.87	5.40	2.40	1.06	1.15	1.27	1.82	1.42	4.28	1930
1931	0.891	0.850	1.04	14.0	6.87	1.87	1.29	0.586	0.784	1.51	4.33	4.83	3.20	1931
1932	9.49	5.76	3.08	17.2	8.78	2.89	2.08	1.10	3.27	11.7	12.4	7.88	6.84	1932
1933	8.74	3.57	2.31	25.2	7.01	2.96	1.22	0.628	0.883	1.87	2.38	3.00	4.77	1933
1934	2.72	2.38	2.25	19.0	15.3	3.68	1.77	0.838	1.06	1.78	8.04	5.42	5.18	1934
1935	2.29	2.01	5.51	14.6	7.07	6.15	7.14	2.33	0.888	2.05	4.83	3.23	4.85	1935
1936	1.47	0.983	3.52	13.9	16.4	4.27	1.02	0.824	1.83	5.84	7.71	5.25	5.24	1936
1937	13.8	8.29	3.83	16.6	10.7	3.19	1.15	0.813	1.16	2.54	7.98	3.46	6.04	1937
1938	2.21	3.68	11.4	21.8	8.24	3.06	1.46	0.871	1.83	2.09	3.14	3.05	5.24	1938
1939	3.03	2.38	2.68	18.2	16.1	3.27	1.45	1.48	1.11	3.14	4.85	2.21	4.89	1939
1940	1.27	0.806	0.783	8.33	15.5	5.37	2.15	3.15	4.80	4.78	8.08	4.87	5.09	1940
1941	3.54	1.85	1.83	24.4	6.09	1.77	1.06	0.882	0.872	4.33	11.8	5.13	5.18	1941
1942	3.40	1.73	5.82	24.4	11.5	3.80	0.893	0.458	1.45	3.35	9.40	3.85	5.78	1942
1943	2.38	1.76	2.07	16.3	21.8	7.86	2.87	1.61	2.93	1.86	4.51	2.41	5.85	1943
1944	1.81	1.47	1.53	14.1	10.9	2.21	1.48	0.852	1.33	5.58	3.91	2.75	3.88	1944
1945	1.84	1.33	14.8	11.2	8.49	5.84	1.55	0.582	0.804	4.32	5.16	2.49	5.00	1945
1946	5.31	3.23	16.8	9.68	9.87	2.97	1.01	0.821	0.801	0.875	3.48	5.31	4.81	1946
1947	3.48	2.72	2.56	26.8	19.7	8.11	5.41	2.28	2.68	2.52	4.73	3.87	7.23	1947
1948	2.32	1.56	8.81	22.7	10.9	3.05	1.12	0.625	0.583	2.14	6.87	5.03	5.82	1948
1949	5.07	4.42	7.10	26.4	8.20	4.18	2.01	0.823	0.868	1.28	2.08	5.88	5.85	1949
1950	10.8	4.25	3.97	14.3	7.65	3.83	1.34	2.63	2.78	1.53	5.48	5.94	5.45	1950
1951	4.42	3.10	5.40	36.0	9.18	2.27	2.05	1.16	0.984	5.31	11.3	6.64	7.28	1951
1952	5.01	3.85	2.78	24.4	7.41	2.85	1.83	2.38	4.18	1.70	3.58	6.44	5.60	1952
1953	3.46	3.84	14.1	12.3	5.45	2.83	1.20	0.563	1.47	2.37	3.05	5.78	4.80	1953
1954	3.14	3.16	5.44	20.8	8.77	5.40	2.23	1.47	2.21	14.2	7.94	4.87	7.23	1954
1955	3.20	2.67	3.67	23.3	4.79	2.21	0.953	0.882	0.884	2.08	8.60	2.78	4.43	1955
1956	1.51	1.12	1.38	13.0	12.8	4.70	2.97	2.41	8.71	4.88	5.23	4.38	5.27	1956
1957	3.52	3.37	4.19	18.3	7.92	5.45	11.5	0.898	4.80	7.82	11.0	10.2	7.18	1957
1958	4.82	2.81	2.28	12.5	4.14	3.44	7.11	1.32	1.71	4.14	4.14	2.78	4.28	1958
1959	2.54	2.20	2.52	23.2	10.9	2.81	1.47	1.88	2.37	6.20	12.1	8.70	6.22	1959
1960	3.07	2.83	2.58	27.6	13.7	3.81	3.89	1.88	1.04	1.50	5.11	3.43	5.84	1960
1961	2.27	1.44	2.31	14.0	7.84	3.47	3.83	1.99	1.37	1.48	3.24	5.83	4.07	1961
1962	2.74	1.61	2.01	17.3	8.04	2.24	1.08	0.580	0.427	0.848	1.47	1.58	3.43	1962
1963	1.38	1.15	2.13	17.8	8.05	4.00	1.32	1.42	1.50	1.17	2.40	2.82	3.73	1963
1964	2.10	2.09	3.45	13.2	6.42	3.08	0.708	0.591	2.73	2.20	2.30	5.33	3.81	1964
1965	3.88	1.81	2.40	8.84	18.8	2.12	1.90	2.72	3.68	8.09	8.42	7.91	5.89	1965
1966	6.12	3.59	4.77	14.8	7.41	6.02	1.40	0.898	0.823	1.87	7.17	11.1	5.45	1966
1967	3.38	3.15	1.98	22.4	5.88	6.82	2.48	1.06	0.878	5.40	12.1	8.27	5.87	1967
1968	3.28	4.38	3.53	17.4	4.89	3.40	2.87	1.88	2.83	1.51	2.24	3.78	4.25	1968
1969	2.82	2.58	2.48	16.8	14.5	5.35	3.18	2.76	4.34	8.74	11.5	5.01	6.87	1969
1970	2.82	2.13	1.88	17.8	11.4	5.00	8.82	2.75	2.88	5.87	5.28	5.24	5.01	1970
1971	2.82	1.84	2.87	21.8	11.0	3.83	1.80	1.88	1.81	1.88	3.41	5.18	4.87	1971
1972	2.87	1.85	1.43	15.7	16.2	5.86	4.53	4.85	2.74	4.40	8.08	3.15	5.92	1972
1973	3.28	2.78	14.2	16.0	8.11	4.84	3.88	3.28	1.83	3.18	4.80	5.88	5.87	1973
1974	3.88	3.83	4.21	21.7	12.3	4.80	2.34	1.38	1.48	5.05	8.08	4.40	6.17	1974
1975	3.58	2.71	3.70	15.2	13.5	2.51	1.30	1.08	3.62	5.38	5.45	8.58	5.87	1975
1976	2.84	2.34	12.6	20.8	8.84	3.08	2.88	0.788	0.894	1.53	2.33	3.28	5.17	1976
1977	1.54	0.893	8.38	19.8	4.25	1.11	1.41	0.880	3.12	8.83	8.88	6.80	5.58	1977
1978	2.84	1.74	1.23	11.6	14.4	3.20	1.08	1.44	2.83	5.81	4.24	3.78	4.81	1978
1979	2.78	2.08	11.2	20.7	8.80	3.49	1.38	1.85	1.82	5.15	8.08	7.00	6.37	1979
1980	8.47	3.26	3.78	28.1	8.81	7.07	8.45	4.85	8.70	7.88	8.82	5.03	7.49	1980
1981	2.34	8.08	6.18	20.8	8.83	5.41	4.85	3.42	12.4	11.8	4.80	4.17	7.81	1981
1982	2.82	2.07	2.83	23.1	7.05	2.81	1.28	0.805	3.44	8.84	8.74	13.1	6.09	1982
1983	7.85	2.73	7.84	10.8	15.8	5.88	1.15	0.780	1.18	2.07	5.84	4.91	5.85	1983
1984	2.28	8.18	5.07	19.1	10.3	8.73	5.06	2.14	1.88	2.82	8.28	8.58	8.80	1984
1985	8.81	2.88	5.39	27.0	8.82	3.22	3.74	8.14	8.41	8.38	8.28	8.15	7.42	1985
1986	3.19	2.37	7.27	23.4	8.33	5.38	2.08	1.48	0.704	3.22	2.78	2.58	5.22	1986
1987	1.89	1.55	5.04	15.8	3.03	2.58	0.882	0.563	0.808	1.83	8.14	8.47	3.70	1987
1988	3.17	8.78	3.48	25.2	7.78	1.77	0.388	1.58	1.87	8.42	8.87	4.88	8.88	1988
MEAN	3.52	2.78	5.11	19.1	10.8	4.32	2.88	1.84	2.18	4.07	6.17	5.20	5.81	MEAN

LOCATION - LAT 45 40 10 N DRAINAGE AREA, 321 km²
LONG 79 22 43 W NATURAL FLOW

NORTH MACNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.1 ON APR 18	0.851 ON SEP 17	256 000	1916
1917	---	42.2 ON APR 24	0.142 ON AUG 24 *	183 000	1917
1918	---	30.8 ON APR 4	0.765 ON FEB 2	170 000	1918
1919	---	36.8 ON MAY 25	0.736 ON AUG 13	204 000	1919
1920	---	40.8 ON MAR 27	0.821 ON AUG 20	183 000	1920
1921	---	60.7 ON MAR 28	0.425 ON OCT 1	189 000	1921
1922	---	78.2 ON APR 13	0.425 ON OCT 7	158 000	1922
1923	---	64.0 ON APR 26	0.240 ON AUG 17	184 000	1923
1924	---	43.8 ON MAY 20	0.538 ON JUL 21	156 000	1924
1925	---	38.2 ON APR 7	0.510 ON SEP 3	159 000	1925
1926	---	50.1 ON MAY 5	0.834 ON SEP 14	189 000	1926
1927	---	24.6 ON MAR 21	0.793 ON SEP 13	177 000	1927
1928	---	83.4 ON APR 9 *	3.32 B ON MAR 1	329 000	1928
1929	---	55.4 ON APR 10	0.786 ON SEP 3	200 000	1929
1930	---	35.1 ON APR 20	0.806 ON AUG 15	135 000	1930
1931	---	22.1 ON APR 16	0.311 ON AUG 26	101 000	1931
1932	---	34.3 ON APR 13	0.676 ON AUG 16	219 000	1932
1933	---	50.1 ON APR 16	0.538 ON SEP 3	181 000	1933
1934	---	42.8 ON MAY 3	0.538 ON SEP 2	183 000	1934
1935	---	21.9 ON APR 16	0.783 ON SEP 12	183 000	1935
1936	---	44.2 ON MAY 2	0.311 ON AUG 11	186 000	1936
1937	---	40.5 ON JAN 2	0.623 ON SEP 8	181 000	1937
1938	---	54.1 ON APR 2	0.708 ON AUG 16	165 000	1938
1939	---	57.5 ON APR 28	0.908 ON SEP 1,	157 000	1939
1940	---	28.8 ON MAY 3	0.7938 ON MAR 1	161 000	1940
1941	---	57.5 ON APR 16	0.765 ON AUG 21	164 000	1941
1942	---	41.6 ON APR 7	0.388 ON SEP 8	162 000	1942
1943	---	59.5 ON APR 26	1.16 ON OCT 14	165 000	1943
1944	---	37.4 ON APR 27	0.453 ON AUG 27	126 000	1944
1945	---	35.7 ON MAR 22	0.425 ON AUG 28	158 000	1945
1946	---	30.8 ON MAR 22	0.481 ON OCT 16	152 000	1946
1947	---	64.6 ON APR 14	1.02 ON SEP 10	228 000	1947
1948	---	46.5 ON APR 10	0.425 ON SEP 28	178 000	1948
1949	---	33.1 ON APR 16	0.566 ON AUG 30	178 000	1949
1950	---	22.3 ON APR 21	1.08 ON JUL 22	172 000	1950
1951	---	56.5 ON APR 14	0.850 ON SEP 10	230 000	1951
1952	---	47.3 ON APR 21	1.16 ON JUL 31	174 000	1952
1953	---	42.5 ON MAR 28	0.453 ON SEP 4	181 000	1953
1954	---	43.9 ON APR 18	1.10 ON AUG 28	228 000	1954
1955	---	47.0 ON APR 16	0.453 ON SEP 8	140 000	1955
1956	---	24.2 ON APR 16	1.02 B ON FEB 22	187 000	1956
1957	---	58.6 ON JUL 1	0.623 ON AUG 24	228 000	1957
1958	---	31.8 ON APR 21	0.680 ON AUG 29	134 000	1958
1959	---	64.8 ON APR 22	0.963 ON JUL 17	196 000	1959
1960	---	52.4 ON APR 16	0.801 ON SEP 17	184 000	1960
1961	---	35.9 ON APR 25	0.894E ON SEP 11	128 000	1961
1962	---	32.3 ON APR 25	0.345 ON SEP 7	108 000	1962
1963	---	36.5 ON APR 6	0.816 ON JUL 14	118 000	1963
1964	---	35.4 ON APR 18	0.300 ON JUL 26	111 000	1964
1965	---	41.8 ON MAY 3	1.32 ON AUG 1	169 000	1965
1966	---	40.6 ON APR 23	0.436 ON SEP 28	172 000	1966
1967	34.8 AT 22 00 EST ON APR 18	34.6 ON APR 18	0.227 ON SEP 26	188 000	1967
1968	47.3 AT 18 00 EST ON APR 6	46.2 ON APR 6	0.722 ON AUG 15	134 000	1968
1969	41.3 AT 08 00 EST ON APR 18	40.8 ON APR 18	1.46 ON MAR 16	207 000	1969
1970	44.5 AT 21 00 EST ON APR 25	44.2 ON APR 25	1.68 ON AUG 29	190 000	1970
1971	46.1 AT 01 29 EST ON APR 22	47.6 ON APR 21	1.02 ON SEP 19	167 000	1971
1972	49.0 AT 22 58 EST ON MAY 4	47.6 ON MAY 4	1.22 B ON MAR 9	187 000	1972
1973	37.1 AT 03 50 EST ON APR 6	38.0 ON APR 6	1.16 ON SEP 18	188 000	1973
1974	46.7 AT 04 54 EST ON APR 17	46.4 ON APR 17	0.565 ON SEP 8	184 000	1974
1975	44.5 AT 21 30 EST ON APR 26	44.2 ON APR 27	0.470 ON AUG 24	179 000	1975
1976	60.0 AT 07 10 EST ON APR 2	59.5 ON APR 2	0.576 ON AUG 31	184 000	1976
1977	35.4 AT 01 08 EST ON APR 2	38.4 ON APR 2	0.481 ON AUG 16	176 000	1977
1978	38.5 AT 08 11 EST ON APR 30	37.9 ON APR 29	0.871 ON AUG 15	142 000	1978
1979	39.5 AT 08 02 EST ON MAR 27	38.2 ON MAR 27	0.595 ON JUL 24	201 000	1979
1980	71.1 AT 10 40 EST ON APR 11	70.3 ON APR 11	1.55 ON MAR 10	237 000	1980
1981	50.9 AT 08 07 EST ON APR 6	50.2 ON APR 6	1.81 B ON FEB 8	247 000	1981
1982	85.6 AT 14 15 EST ON APR 19	84.5 ON APR 19	0.344 ON AUG 18	192 000	1982
1983	34.3 AT 20 47 EST ON MAY 9	33.0 ON MAY 9	0.801 ON SEP 16	178 000	1983
1984	28.9 AT 14 15 EST ON APR 18	28.8 ON APR 18	1.37 ON SEP 9	206 000	1984
1985	82.5 AT 14 58 EST ON APR 24 *	82.0 ON APR 24	1.82 ON JUN 17	234 000	1985
1986	61.1 AT 03 08 EST ON APR 3	59.6 ON APR 3	0.327 ON SEP 26	185 000	1986
1987	33.8 AT 07 20 EST ON APR 1	33.6 ON APR 1	0.268 ON AUG 13	117 000	1987
1988	---	57.7 ON APR 7	0.250 ON JUL 15	168 000	1988
				177 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH RIVER AT THE FALLS - STATION NO. 02ED024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	0.837	1.37	3.80	2.40	---	1988
MEAN	---	---	---	---	---	---	---	---	0.837	1.37	3.80	2.40	---	MEAN

LOCATION - LAT 44 45 05 N
LONG 79 34 39 W NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	3.09	2.58	5.87	6.60	2.95	2.22	1.67	1.44	---	---	---	---	---	1987
1988	2.64	4.00	6.05	---	---	---	---	---	---	---	---	---	---	1988
MEAN	2.82	3.29	5.36	6.60	2.95	2.22	1.67	1.44	---	---	---	---	---	MEAN

LOCATION - LAT 44 18 05 N DRAINAGE AREA, 216 km²
LONG 81 02 36 W NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 4 1986, REPLACES STATION 02FC013.

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	11.4 AT 11:20 EST ON MAR 10 *	10.0 ON MAR 30 *	---	---	1987
1988	---	---	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.81	2.26	4.64	12.6	6.18	3.82	3.64	2.52	1.72	2.47	3.12	6.05	4.31	1972
1973	6.41	4.60	8.47	7.16	4.93	3.49	1.88	2.11	1.34	1.72	3.85	3.75	4.40	1973
1974	5.57	3.75	7.60	9.41	6.37	3.76	2.34	2.57	1.88	2.88	4.32	3.63	4.61	1974
1975	5.08	5.11	7.36	12.6	7.11	3.58	2.31	1.93	2.76	1.92	2.17	4.05	4.74	1975
1976	2.53	5.63	14.9	7.76	4.59	2.23	3.08	2.48	2.59	2.67	4.48	2.33	4.62	1976
1977	1.84	2.24	13.2	6.74	3.34	2.14	1.67	2.65	3.58	5.29	6.14	5.83	4.74	1977
1978	2.80	2.40	4.00	9.65	5.25	3.07	1.67	1.85	2.65	2.53	2.80	2.95	3.80	1978
1979	3.84	2.28	13.0	13.2	7.18	3.38	2.11	2.59	1.93	3.20	3.87	6.84	5.29	1979
1980	3.48	1.78	9.51	10.2	5.11	4.35	4.89	3.28	3.42	4.29	4.03	5.13	4.97	1980
1981	2.12	9.98	7.01	6.87	5.07	3.40	2.37	2.19	4.38	3.89	3.75	3.75	4.50	1981
1982	2.85	1.89	8.95	12.7	5.48	5.33	2.85	2.98	2.24	2.19	4.34	7.09	4.69	1982
1983	8.35	5.98	5.14	5.45	5.92	3.64	1.80	1.58	2.34	2.54	3.00	3.40	3.63	1983
1984	2.48	9.47	7.88	7.04	4.90	3.25	2.22	1.58	2.41	1.78	4.05	4.81	4.28	1984
1985	4.41	5.80	12.9	13.2	6.00	3.61	1.87	1.83	3.05	2.85	4.68	3.70	5.40	1985
1986	3.33	2.93	9.23	8.50	4.91	3.09	2.16	1.75	---	---	---	---	---	1986
MEAN	3.78	4.55	8.82	9.67	5.49	3.48	2.48	2.24	2.62	2.88	3.89	4.51	4.56	MEAN

LOCATION - LAT 44 18 04 N DRAINAGE AREA, 282 km²
LONG 81 14 45 W REGULATED

REMARKS - STATION DISCONTINUED SEP 16 1986, REPLACED BY 02FC018.

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	39.4 AT 11:44 EST ON DEC 31	30.6 ON DEC 31	1.08 ON SEP 23	138 000	1972
1973	29.4 AT 00:00 EST ON JAN 1	18.2 ON JAN 1	0.885 ON SEP 18 *	138 000	1973
1974	39.1 AT 00:03 EST ON APR 4	33.1 ON JAN 27	1.06 ON AUG 17	142 000	1974
1975	43.0 AT 00:12 EST ON APR 19	38.3 ON APR 19	1.07 ON AUG 9	148 000	1975
1976	---	25.58 ON MAR 21	1.41 E ON AUG 25	148 000	1976
1977	---	51.08 ON MAR 13 *	0.885 ON JUL 30	150 000	1977
1978	24.8 AT 18:00 EST ON APR 7	17.6 ON APR 7	0.884 ON SEP 3	110 000	1978
1979	31.6 AT 06:20 EST ON APR 14	28.4 ON MAR 24	1.20 ON OCT 8	187 000	1979
1980	---	30.08 ON MAR 21	1.58 B ON MAR 9	187 000	1980
1981	---	34.08 ON FEB 23	1.06 ON JUL 25	142 000	1981
1982	---	34.38 ON MAR 31	1.44 ON OCT 9	148 000	1982
1983	16.3 AT 23:34 EST ON FEB 2	12.3 ON FEB 3	0.936 ON SEP 11	131 000	1983
1984	31.5 AT 23:46 EST ON DEC 28	25.08 ON FEB 14	1.04 ON AUG 25	138 000	1984
1985	32.2 AT 15:03 EST ON MAR 28	27.5 ON MAR 28	1.08 ON AUG 17	170 000	1985
1986	---	---	---	---	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		144 000	MEAN

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	2.30	10.8	8.14	---	1943
1944	10.4	15.0	46.3	47.3	13.4	3.18	0.891	0.808	2.52	1.09	3.35	4.75	12.4	1944
1945	1.53	2.97	97.6	34.8	54.9	20.7	22.0	2.60	8.32	46.6	18.8	14.0	27.3	1945
1946	40.8	27.3	75.5	7.02	7.62	6.48	2.15	1.96	1.56	1.81	1.98	9.06	15.3	1946
1947	45.6	15.7	55.9	128	30.0	54.0	11.8	3.11	5.83	1.92	2.62	22.1	31.4	1947
1948	7.65	25.3	116	26.1	26.6	2.80	1.77	1.29	0.465	1.15	5.88	5.89	18.5	1948
1949	38.8	64.8	47.2	14.4	3.14	0.885	0.987	0.484	0.744	2.32	2.34	39.4	17.8	1949
1950	80.8	18.1	72.4	85.6	4.75	1.88	2.17	2.97	1.17	2.13	21.5	44.8	24.9	1950
1951	51.0	37.9	68.2	52.2	6.20	2.47	1.67	0.743	0.822	2.15	17.6	15.4	21.3	1951
1952	51.0	25.7	54.0	43.5	16.8	2.59	1.36	0.592	0.599	0.778	1.56	8.88	17.3	1952
1953	14.3	13.8	51.4	16.8	26.1	31.7	3.07	1.42	4.29	0.961	0.556	3.47	14.2	1953
1954	2.78	60.5	68.8	53.8	9.99	1.81	0.574	0.555	1.67	42.2	8.55	28.9	24.4	1954
1955	28.4	8.52	89.1	32.0	3.87	0.928	0.551	0.238	0.728	2.59	7.43	13.5	14.1	1955
1956	5.07	5.16	87.7	87.8	87.7	4.53	3.01	9.47	7.63	3.84	4.82	30.1	23.4	1956
1957	23.2	30.6	38.8	30.6	13.2	9.67	13.6	2.37	8.88	3.89	30.3	82.1	22.2	1957
1958	8.46	5.33	45.1	12.9	2.94	1.61	1.44	0.627	3.56	1.49	7.89	5.86	8.06	1958
1959	10.8	13.5	76.4	82.8	17.7	3.65	1.19	1.32	1.36	9.80	27.3	31.6	23.2	1959
1960	13.2	16.1	26.5	121	36.8	15.8	2.13	1.08	0.736	1.33	1.76	0.875	19.7	1960
1961	0.435	21.8	26.7	26.8	16.8	3.21	3.26	2.64	1.73	1.01	9.82	12.6	10.8	1961
1962	4.66	5.16	70.6	22.3	6.63	2.56	0.803	---	---	---	---	---	---	1962
MEAN	22.1	23.1	61.6	46.7	19.3	8.84	3.91	1.90	2.91	6.82	9.70	19.0	19.2	MEAN

LOCATION - LAT 43 00 28 N DRAINAGE AREA, 1 700 km²
LONG 81 18 06 W REGULATED

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1943	---	---	---	---	1943
1944	---	177 ON APR 10	0.425 ON AUG 9	394 000	1944
1945	---	433 ON MAY 18	0.595 ON AUG 29	862 000	1945
1946	---	535 ON MAR 7	1.56 E ON SEP 1	483 000	1946
1947	---	765 ON APR 8 *	0.934 ON OCT 13	989 000	1947
1948	609 AT 08:30 EST ON MAR 20	843 ON MAR 20	0.425 ON SEP 2	594 000	1948
1949	---	382 ON MAR 23	0.340 ON AUG 28	859 000	1949
1950	821 AT 14:00 EST ON APR 4 *	585 ON APR 4	0.585 ON OCT 6	785 000	1950
1951	---	493 ON JAN 4	0.585 ON AUG 30	671 000	1951
1952	288 AT 21:00 EST ON MAR 11	210 ON MAR 11	0.311 ON AUG 29	547 000	1952
1953	227 AT 12:45 EST ON MAR 18	180 ON MAR 18	0.227 ON NOV 2	447 000	1953
1954	---	589 ON FEB 17	0.283 ON SEP 7	770 000	1954
1955	---	351 ON MAR 11	0.057 ON AUG 1 *	443 000	1955
1956	---	453 ON MAY 12	1.16 ON AUG 4	738 000	1956
1957	---	442 ON DEC 21	1.84 ON SEP 8	700 000	1957
1958	---	105 ON MAR 24	0.340 ON AUG 19	284 000	1958
1959	413 AT 17:00 EST ON APR 2	385 ON APR 2	0.595 ON AUG 9	731 000	1959
1960	---	498 ON MAR 31	0.371 ON SEP 18	823 000	1960
1961	---	1808 ON FEB 25	0.3988 ON JAN 27	335 000	1961
1962	---	243 ON MAR 30	---	---	1962
				606 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1936	---	---	37.8	8.86	4.62	---	---	---	---	---	---	---	---	1936
1939	---	---	39.8	42.5	1.94	---	---	---	---	---	---	---	---	1939
1940	---	---	---	78.1	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	26.9	1.32	---	---	---	---	---	---	---	---	1941
1942	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	23.8	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	30.2	---	---	---	---	---	---	---	---	---	1944
1945	---	---	70.1	28.1	---	---	---	---	---	---	---	---	---	1945
1946	---	---	47.5	1.05	0.780	---	---	---	---	---	---	---	---	1946
1947	---	---	36.8	81.6	---	---	---	---	---	---	---	---	---	1947
1948	---	---	---	18.1	15.8	---	---	---	---	---	---	---	---	1948
1949	---	---	33.8	7.93	---	---	---	---	---	---	---	---	---	1949
1951	---	---	48.1	37.4	4.70	1.82	0.827	0.841	0.835	1.26	15.9	10.8	---	1951
1952	35.7	17.6	38.5	30.3	7.89	1.30	0.934	0.609	0.565	0.527	1.09	5.72	11.6	1952
1953	11.0	11.1	45.6	13.1	24.0	29.1	2.29	1.30	0.880	0.877	1.32	2.78	11.9	1953
1954	4.94	58.0	51.1	33.8	6.58	1.23	0.881	0.665	0.764	31.2	7.39	17.7	17.6	1954
1955	17.2	5.10	54.5	25.0	2.46	0.859	0.453	0.311	0.438	1.03	5.28	8.42	10.2	1955
1956	3.66	3.41	43.1	50.1	47.7	2.49	2.14	8.31	4.86	1.86	2.44	19.3	15.9	1956
1957	14.3	21.3	28.9	23.0	10.2	7.55	8.38	1.04	3.38	3.03	28.6	44.1	15.6	1957
1958	5.84	3.12	31.1	9.42	1.83	0.874	1.42	0.835	3.15	1.22	5.12	3.86	5.75	1958
1959	7.07	8.80	51.7	82.7	15.0	2.06	0.934	1.13	0.828	5.00	20.3	21.5	18.4	1959
1960	8.00	12.5	17.7	74.9	23.7	9.26	1.48	0.877	0.457	0.712	1.18	0.945	12.5	1960
1961	0.525	13.9	18.9	18.1	11.6	2.32	1.52	0.817	1.32	1.08	7.95	12.9	7.65	1961
1962	2.56	2.74	53.0	14.2	2.89	1.21	0.609	0.601	0.519	1.13	3.82	7.33	7.63	1962
1963	2.54	1.54	52.5	11.6	6.93	1.35	0.682	0.502	0.584	0.556	0.829	0.664	7.52	1963
1964	7.43	5.44	28.1	17.6	3.50	0.776	0.843	5.01	1.55	1.31	1.48	14.7	7.34	1964
1965	12.7	30.8	24.1	45.2	5.25	0.882	0.533	0.545	1.11	3.16	13.6	27.7	14.5	1965
1966	6.89	16.1	27.0	14.7	7.30	6.36	1.56	3.17	3.03	2.12	14.2	41.2	12.3	1966
1967	25.3	9.06	38.2	43.4	6.53	16.0	8.06	8.33	5.98	23.1	34.5	33.6	21.0	1967
1968	7.77	36.7	34.4	10.3	3.56	2.17	2.18	2.85	7.40	12.8	18.1	17.6	13.1	1968
1969	21.8	18.2	40.3	42.0	16.6	3.56	2.11	2.46	2.67	2.48	6.40	6.83	13.6	1969
1970	2.75	5.14	15.1	41.1	12.1	2.53	2.74	1.81	2.85	5.04	16.6	17.1	10.4	1970
1971	7.24	9.34	38.2	46.6	5.10	2.76	1.73	2.35	1.96	1.82	1.95	7.74	10.7	1971
1972	9.05	3.83	28.0	50.4	7.13	1.67	3.28	1.83	2.52	5.38	11.3	22.7	12.1	1972
1973	31.1	11.6	54.1	12.1	13.2	4.66	2.36	2.12	2.40	2.74	14.6	13.2	13.6	1973
1974	28.2	11.4	37.2	28.9	34.6	3.63	2.49	2.24	2.22	1.88	4.23	2.41	13.1	1974
1975	16.0	14.6	32.1	50.9	4.53	4.46	7.10	2.88	5.61	2.13	8.42	17.8	13.8	1975
1976	8.51	48.8	70.0	20.7	14.0	2.32	3.84	5.08	3.71	4.50	9.75	4.51	18.2	1976
1977	2.51	1.98	80.0	14.8	3.87	1.86	2.45	2.87	12.2	16.4	17.0	24.2	18.1	1977
1978	5.84	3.55	17.1	65.6	6.51	3.02	2.84	2.00	9.20	10.3	7.53	10.2	13.7	1978
1979	12.2	3.36	61.9	46.8	7.82	3.29	2.13	2.44	2.22	5.55	27.7	32.3	17.3	1979
1980	10.6	2.16	37.0	29.5	10.7	5.89	3.47	3.07	2.84	5.20	4.83	10.5	10.5	1980
1981	1.43	51.2	17.2	12.3	10.6	3.31	2.16	3.11	16.5	29.4	12.6	6.94	13.6	1981
1982	3.94	2.20	50.4	81.2	4.41	5.62	3.13	4.28	11.1	9.31	33.4	46.2	19.4	1982
1983	11.4	16.8	10.0	16.0	28.2	11.7	11.1	12.3	8.00	8.02	16.0	25.7	14.8	1983
1984	4.61	54.8	28.2	13.4	6.68	8.84	3.48	2.13	7.48	4.26	13.8	24.3	15.0	1984
1985	8.88	33.2	80.4	36.8	3.85	4.10	3.62	5.88	8.53	11.5	34.0	14.4	20.4	1985
1986	16.4	8.01	61.1	12.4	7.52	6.66	3.62	6.54	48.7	35.4	11.3	14.1	18.4	1986
1987	8.55	4.78	41.0	21.7	3.25	2.49	3.06	2.00	1.78	3.22	13.6	27.2	11.1	1987
1988	8.39	12.1	40.3	14.8	8.83	1.88	1.46	1.32	1.83	10.3	24.8	13.2	11.4	1988
MEAN	10.7	15.8	40.9	31.3	8.93	4.80	2.73	2.78	5.13	6.85	12.4	16.9	13.4	MEAN

LOCATION - LAT 43 15 16 N
LONG 81 05 43 W

DRAINAGE AREA, 1 030 km²
REGULATED

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	770 AT 24:00 EST ON MAR 18 *	483 E ON MAR 20	---	---	1948
1949	---	---	---	---	1949
1950	---	136 ON FEB 27	0.708 ON OCT 1	---	1950
1952	181 AT 21:00 EST ON MAR 11	126 ON MAR 21	0.340 ON AUG 28	374 000	1952
1953	430 AT 10:00 EST ON JUN 17	287 ON JUN 17	0.425 ON SEP 4	374 000	1953
1954	891 AT 19:00 EST ON FEB 18	430 ON FEB 18	0.595 ON JUL 17	554 000	1954
1955	---	240 ON MAR 11	0.311E ON AUG 1	220 000	1955
1956	---	271 ON APR 4	0.880 ON JUL 30	502 000	1956
1957	442 AT 04:00 EST ON DEC 21	340 ON DEC 21	0.621 ON AUG 23	498 000	1957
1958	91.2B AT 05:00 EST ON MAR 27	76.2B ON MAR 24	0.566 ON AUG 19	181 000	1958
1959	391 AT 11:00 EST ON APR 2	340 ON APR 2	0.388 ON AUG 8	518 000	1959
1960	521 AT 22:30 EST ON APR 3	430 ON APR 3	0.388 ON SEP 8	386 000	1960
1961	108 B AT 18:00 EST ON FEB 24	103 B ON FEB 24	0.3408 ON JAN 25	238 000	1961
1962	303 B AT 23:30 EST ON MAR 29	255 B ON MAR 29	0.411 ON SEP 7	241 000	1962
1963	583 AT 22:00 EST ON MAR 27	481 ON MAR 27	0.419 ON AUG 8	240 000	1963
1964	171 AT 09:30 EST ON DEC 25	139 ON DEC 25	0.238 ON JUL 24	232 000	1964
1965	476 B AT 23:00 EST ON FEB 10	257 ON FEB 11	0.051 ON SEP 13 *	458 000	1965
1966	548 AT 10:30 EST ON DEC 7	433 ON DEC 7	0.238 ON JUL 9	389 000	1966
1967	403 AT 08:30 EST ON APR 3	303 ON APR 3	0.612 ON JUN 5	664 000	1967
1968	403 AT 13:50 EST ON FEB 2	377 ON FEB 2	1.04 ON JUN 18	413 000	1968
1969	306 AT 08:00 EST ON APR 5	238 ON APR 5	1.50 ON JUL 13	437 000	1969
1970	252 AT 04:11 EST ON APR 8	207 ON APR 9	1.09 ON JUL 3	327 000	1970
1971	---	209 A ON APR 2	0.728 ON JUL 4	338 000	1971
1972	242 AT 07:57 EST ON APR 17	187 ON APR 13	0.770 ON JUN 19	383 000	1972
1973	264 AT 23:26 EST ON MAR 11	182 ON JAN 1	1.48 ON JUL 11	434 000	1973
1974	535 AT 09:14 EST ON MAY 17	382 ON MAY 17	1.18 ON OCT 30	413 000	1974
1975	512 AT 07:22 EST ON APR 18	450 ON APR 18	0.621 ON AUG 10	437 000	1975
1976	328 AT 21:25 EST ON MAR 5	254 ON MAR 21	1.58 ON JUN 14	513 000	1976
1977	702 AT 17:48 EST ON MAR 13	623 ON MAR 13 *	0.929 ON JUN 24	477 000	1977
1978	374 AT 13:49 EST ON APR 11	306 ON APR 11	1.11 ON JUL 11	433 000	1978
1979	480 AT 08:25 EST ON APR 14	380 ON APR 14	1.31 ON JUL 23	548 000	1979
1980	398 AT 15:19 EST ON MAR 21	297 ON MAR 21	1.60 B ON MAR 5	333 000	1980
1981	289 AT 18:34 EST ON FEB 23	238 ON FEB 23	0.104 ON AUG 11	430 000	1981
1982	580 AT 23:46 EST ON MAR 31	412 ON MAR 31	1.50 B ON MAR 11	613 000	1982
1983	171 AT 20:40 EST ON MAY 2	113 ON DEC 13	1.68 ON JUL 27	488 000	1983
1984	---	230 B ON FEB 14	0.481 ON AUG 28	474 000	1984
1985	317 AT 21:53 EST ON MAR 28	256 ON MAR 28	1.69 ON JUN 12	643 000	1985
1986	452 AT 17:09 EST ON SEP 11	311 ON SEP 12	2.41 ON AUG 5	611 000	1986
1987	180 AT 08:27 EST ON DEC 31	124 ON DEC 21	1.08 ON AUG 24	381 000	1987
1988	---	180 ON MAR 26	0.991 ON AUG 30	381 000	1988
				422 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	2.26	4.02	21.3	7.61	8.81	19.4	24.8	---	1915
1916	105	15.3	30.8	50.8	26.1	26.1	3.58	0.652	0.558	0.810	1.71	3.85	22.2	1916
1917	9.47	2.15	59.8	27.7	12.8	13.4	31.2	1.31	1.00	2.88	4.10	4.59	14.3	1917
1918	2.10	4.21	82.7	14.8	1.93	1.52	0.826	0.841	1.80	0.784	1.61	27.9	10.2	1918
1919	17.2	10.2	47.5	30.3	30.8	3.19	0.742	0.789	0.730	2.28	8.38	7.36	13.4	1919
1920	1.88	1.72	38.1	19.0	4.23	1.80	3.84	1.35	1.18	2.35	13.8	28.5	9.85	1920
1921	20.4	7.05	48.4	32.2	6.87	2.80	3.82	1.09	0.884	5.04	11.8	32.7	14.8	1921
1922	10.2	32.1	33.0	57.8	4.14	11.7	1.76	1.44	3.30	1.88	2.08	2.12	13.2	1922
1923	4.28	2.04	60.7	43.1	28.7	11.0	1.76	1.07	3.84	1.48	4.61	38.6	16.9	1923
1924	26.8	9.27	86.7	41.1	28.1	3.67	2.25	2.56	1.26	1.12	1.12	2.86	14.6	1924
1925	0.476	26.8	52.8	6.88	1.97	1.08	0.774	0.725	0.826	1.23	18.8	10.8	10.2	1925
1926	8.84	8.34	62.3	88.3	8.67	2.78	0.733	9.04	13.3	20.7	58.7	10.2	22.0	1926
1927	8.75	20.0	56.0	7.52	16.3	4.46	21.4	2.17	1.23	1.48	10.7	27.7	14.8	1927
1928	20.2	16.3	57.0	25.5	4.07	8.87	8.10	5.87	1.56	9.87	35.8	35.1	18.0	1928
1929	28.8	8.28	118	47.7	23.8	2.85	1.72	1.09	0.903	1.11	1.78	1.80	18.7	1929
1930	40.8	78.2	24.8	29.1	7.28	5.42	1.88	0.788	1.28	1.18	0.841	2.78	15.7	1930
1931	0.891	1.67	32.0	37.1	8.67	2.28	8.18	5.89	1.83	2.03	16.4	24.9	11.7	1931
1932	45.0	28.8	21.8	27.8	13.0	3.80	3.06	2.70	4.71	5.89	26.1	31.1	17.8	1932
1933	16.1	13.3	25.4	46.9	9.37	2.54	1.32	1.31	1.21	1.35	8.48	11.3	11.2	1933
1934	21.1	8.31	35.4	88.0	2.24	1.28	1.18	0.826	1.10	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	---	1.18	14.2	8.78	---	1935
1936	4.86	8.81	70.0	26.8	10.8	6.86	0.462	0.300	0.804	1.43	3.38	18.8	12.8	1936
1937	47.8	30.0	8.43	82.7	13.2	5.06	1.80	1.40	1.83	3.46	4.21	2.72	16.7	1937
1938	4.83	81.2	51.8	13.1	5.81	2.43	0.841	1.14	0.785	0.732	0.848	1.14	13.3	1938
1939	4.47	19.9	48.8	52.8	3.03	1.71	1.17	1.08	0.851	1.35	2.88	1.81	11.2	1939
1940	1.81	2.52	4.83	101	21.0	11.8	4.50	4.72	9.24	10.6	22.8	47.3	20.1	1940
1941	15.9	7.78	19.7	34.5	2.86	1.89	0.802	0.841	1.14	4.75	14.4	11.1	9.88	1941
1942	12.2	8.63	72.0	16.4	8.77	9.22	1.51	0.788	14.3	17.4	46.7	20.0	19.2	1942
1943	13.3	46.2	81.4	32.1	37.0	9.88	5.87	3.88	3.88	2.33	8.38	7.03	20.8	1943
1944	8.20	12.8	38.8	36.1	7.97	2.84	0.887	0.482	2.25	---	---	---	---	1944
1945	---	---	---	---	---	---	---	---	---	0.588	0.495	0.812	---	1945
1946	2.28	71.5	83.0	41.8	7.44	1.75	0.488	0.423	0.818	36.8	7.81	18.4	20.7	1946
1947	22.8	8.13	69.8	29.0	3.31	1.02	0.548	0.183	0.383	2.23	6.18	10.8	12.8	1947
1948	5.00	4.98	58.2	58.4	80.5	3.81	2.83	4.58	7.12	3.17	3.84	28.5	20.2	1948
1949	20.5	26.1	34.1	27.7	11.3	9.18	11.8	1.78	7.78	3.48	28.4	83.0	18.4	1949
1950	7.88	4.07	28.1	11.5	2.98	1.58	1.93	0.853	3.80	1.97	7.10	4.72	7.32	1950
1951	9.88	12.0	88.0	77.8	15.8	2.80	1.33	1.58	1.48	9.88	27.5	29.8	21.8	1951
1952	11.2	15.8	21.0	108	35.8	13.1	2.62	1.18	0.887	1.40	1.85	0.742	17.8	1952
1953	0.847	20.3	23.8	23.8	17.4	4.10	3.28	2.38	1.88	0.912	8.78	14.8	10.1	1953
1954	3.80	3.38	84.0	21.1	8.38	2.23	0.734	0.851	0.378	1.88	5.88	8.06	9.04	1954
1955	3.52	1.81	81.5	17.7	11.8	2.88	1.80	0.843	0.248	0.808	0.538	0.583	10.4	1955
1956	8.84	7.48	40.8	28.3	4.78	1.32	0.518	8.88	2.41	1.78	1.78	18.8	10.2	1956
1957	18.1	42.2	31.8	88.0	8.38	0.887	0.888	1.03	1.83	2.88	15.8	48.8	18.8	1957
1958	11.3	21.3	38.1	18.8	8.87	10.4	1.88	3.13	3.37	7.28	23.3	58.2	26.7	1958
1959	33.3	13.8	48.4	88.0	8.31	18.8	8.81	18.3	8.88	31.7	46.8	44.8	27.8	1959
1960	8.83	88.8	47.2	13.8	8.18	3.80	2.78	2.73	7.18	18.8	21.1	28.7	17.4	1960
1961	27.8	28.7	88.8	88.8	21.1	8.88	1.87	2.38	2.47	2.88	12.0	7.87	18.1	1961
1962	3.42	8.34	21.4	88.4	18.8	3.47	3.24	2.33	3.30	8.88	17.3	28.3	13.8	1962
1963	8.80	12.2	47.1	82.3	4.88	2.48	1.88	2.12	1.87	2.13	4.27	8.80	12.8	1963
1964	12.4	4.88	38.3	88.7	12.3	3.07	4.01	2.38	3.02	8.78	14.8	27.2	16.8	1964
1965	48.8	18.7	78.7	17.8	17.3	8.88	3.00	2.77	2.72	4.08	18.8	18.4	18.4	1965
1966	38.8	17.2	88.8	38.7	44.7	4.87	3.38	2.71	2.73	3.82	4.87	3.87	18.3	1966
1967	28.1	22.3	47.1	88.7	7.18	5.38	4.07	3.81	7.44	8.88	4.43	17.8	18.4	1967
1968	10.4	88.8	87.4	28.2	18.8	3.28	8.88	8.17	8.73	8.78	13.8	8.78	22.8	1968
1969	3.87	3.33	111	21.4	8.32	3.02	3.08	3.48	14.8	20.3	21.8	32.8	20.4	1969
1970	8.83	8.82	28.8	128	11.8	4.28	3.02	2.28	10.4	10.7	7.78	12.3	18.8	1970
1971	14.8	4.12	81.8	87.3	10.1	4.08	3.20	3.13	2.83	8.78	33.8	38.4	23.4	1971
1972	11.8	2.82	82.7	37.8	12.1	8.87	8.88	3.38	3.12	8.82	4.82	13.3	13.4	1972
1973	2.88	78.8	22.8	18.2	12.3	4.83	2.77	2.78	21.8	34.8	18.3	8.82	18.3	1973
1974	7.88	3.78	88.8	81.8	8.88	7.28	4.81	4.48	18.8	8.83	48.8	88.8	28.8	1974
1975	18.2	21.8	13.1	21.8	34.8	18.8	18.8	8.14	8.24	17.8	33.1	18.1	18.1	1975
1976	8.48	88.2	38.3	18.8	8.73	13.8	8.82	3.88	12.8	8.38	18.1	22.2	28.8	1976
1977	18.8	48.7	107	81.3	4.88	8.28	4.47	8.38	12.1	18.2	44.1	18.3	27.8	1977
1978	28.8	18.8	88.3	17.8	8.48	8.88	8.37	8.42	88.8	88.8	14.7	22.1	28.8	1978
1979	11.1	8.48	48.8	28.1	4.23	4.42	3.73	2.81	1.88	2.83	18.8	37.3	14.2	1979
1980	8.38	18.4	41.8	18.3	7.13	2.44	1.78	1.72	2.78	12.8	31.8	17.2	13.8	1980
MEAN	18.4	20.2	80.4	40.7	12.1	5.84	3.78	3.27	8.41	7.20	14.3	18.8	16.7	MEAN

LOCATION - LAT 43 02 20 N
LONG 81 11 08 W

DRAINAGE AREA, 1 480 km²
REGULATED SINCE 1953

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	354 ON JAN 3	0.386 ON SEP 8	701 000	1916
1917	---	334 ON MAR 24	0.425 ON SEP 23	451 000	1917
1918	---	213 ON MAR 20	0.566 ON AUG 7	322 000	1918
1919	---	215 E ON MAR 17	0.057 ON SEP 10	423 000	1919
1920	---	157 ON MAR 13	0.736 ON SEP 27	305 000	1920
1921	---	287 ON DEC 14	0.680 ON AUG 2	482 000	1921
1922	---	323 ON FEB 23	0.340 ON SEP 8	417 000	1922
1923	---	220 ON MAY 21	0.453 ON JUL 31	534 000	1923
1924	---	195 ON MAR 25	0.538 ON SEP 10	467 000	1924
1925	---	385 ON MAR 19	0.227 ON SEP 2	321 000	1925
1926	---	337 ON APR 11	0.510 ON JUL 20	493 000	1926
1927	---	225 ON JUL 23	0.783 ON SEP 20	485 000	1927
1928	---	354 ON MAR 25	0.863 ON SEP 10	502 000	1928
1929	---	467 ON MAR 18	0.765 ON AUG 27	621 000	1929
1930	---	478 ON FEB 23	0.170 ON AUG 8	496 000	1930
1931	---	282 ON MAR 28	0.708 ON SEP 13	389 000	1931
1932	---	67.1 ON APR 12	0.981 ON AUG 2	557 000	1932
1933	---	237 ON APR 1	0.678 ON SEP 7	352 000	1933
1934	---	311 ON APR 2	---	---	1934
1935	---	---	---	---	1935
1936	---	176 ON MAR 13	0.188 ON AUG 18	389 000	1936
1937	---	583 ON APR 26 *	0.463 ON AUG 2	527 000	1937
1938	---	374 ON FEB 7	0.481 ON DEC 2	419 000	1938
1939	---	281 ON APR 18	0.398 ON JUL 25	385 000	1939
1940	---	459 ON APR 9	1.18 ON AUG 7	636 000	1940
1941	---	112 ON APR 3	0.340 ON AUG 9	302 000	1941
1942	---	385 ON MAR 17	0.510 ON AUG 22	504 000	1942
1943	---	323 ON MAY 12	0.906 ON OCT 12	558 000	1943
1944	---	247 ON APR 10	---	---	1944
1953	---	---	---	---	1953
1954	538E AT 22:00 EST ON FEB 16	405 E ON FEB 17	0.142 ON AUG 24	453 000	1954
1955	---	286 E ON MAR 11	0.028 ON JUL 29	404 000	1955
1956	377 AT 03:00 EST ON MAY 12	334 ON MAY 12	1.08 ON OCT 26	439 000	1956
1957	351 AT 14:30 EST ON DEC 21	334 ON DEC 21	1.08 ON AUG 23	411 000	1957
1958	106 AT 11:00 EST ON MAR 24	101 ON MAR 24	0.113 ON SEP 16	231 000	1958
1959	374 AT 13:30 EST ON APR 2	308 ON APR 2	0.536 ON AUG 13	378 000	1959
1960	425 AT 04:00 EST ON APR 4	381 ON APR 3	0.102 ON DEC 9	566 000	1960
1961	1720 AT 11:30 EST ON FEB 25	162 B ON FEB 25	0.017 ON NOV 14	318 000	1961
1962	163 AT 18:00 EST ON MAR 24	157 E ON MAR 25	0.046 ON FEB 2	285 000	1962
1963	884 AT 21:40 EST ON MAR 28 *	632 ON MAR 28	0.014 ON JUL 13 *	328 000	1963
1964	189 AT 16:30 EST ON DEC 25	148 ON APR 7	0.069 ON SEP 22	323 000	1964
1965	405 AT 12:00 EST ON APR 12	382 ON FEB 11	0.023 ON JUN 23	594 000	1965
1966	416 AT 17:40 EST ON DEC 7	331 ON DEC 8	8.017 ON JAN 18	527 000	1966
1967	376 AT 14:30 EST ON APR 3	276 ON JAN 28	0.040 ON DEC 6	469 000	1967
1968	530 AT 22:30 EST ON FEB 2	388 ON FEB 3	1.59 ON JUL 31	550 000	1968
1969	331 AT 21:05 EST ON APR 5	281 ON APR 5	0.851 ON JUL 16	504 000	1969
1970	337 AT 11:55 EST ON APR 9	288 ON APR 9	0.306E ON NOV 19	436 000	1970
1971	328 AT 10:55 EST ON APR 2	261 ON APR 2	0.582 ON DEC 8	408 000	1971
1972	274 AT 01:24 EST ON APR 14	221 ON APR 14	1.77 ON AUG 1	528 000	1972
1973	280 AT 20:44 EST ON MAR 11	261 ON MAR 12	1.98 ON AUG 31	511 000	1973
1974	351 AT 21:12 EST ON MAR 6	314 ON MAR 6	1.77 ON SEP 27	578 000	1974
1975	515 AT 22:29 EST ON APR 19	382 ON APR 19	1.48 ON OCT 23	579 000	1975
1976	343 AT 12:21 EST ON MAR 7	297 ON MAR 7	2.24 ON JUN 15	711 000	1976
1977	569 AT 23:53 EST ON MAR 13	558 ON MAR 14	2.09 ON MAY 31	844 000	1977
1978	354 AT 11:00 EST ON APR 11	331 ON APR 7	1.81 ON AUG 22	595 000	1978
1979	523 AT 04:56 EST ON APR 14	383 ON APR 14	2.23 ON JUL 24	736 000	1979
1980	303 AT 18:47 EST ON MAR 21	287 ON MAR 22	2.30 B ON FEB 13	422 000	1980
1981	385 AT 00:36 EST ON FEB 24	308 ON FEB 24	1.53 ON AUG 13	577 000	1981
1982	529 AT 15:28 EST ON APR 1	434 ON APR 1	2.25 ON AUG 20	788 000	1982
1983	171 AT 05:10 EST ON MAY 3	161 ON DEC 13	2.23 ON JUL 26	571 000	1983
1984	350 AT 23:21 EST ON FEB 14	303 ON FEB 15	2.28 ON AUG 8	653 000	1984
1985	381 AT 21:30 EST ON FEB 24	289 ON FEB 26	1.33 ON JUN 16	576 000	1985
1986	---	343 ON SEP 12	1.66 ON MAY 7	845 000	1986
1987	190 AT 01:16 EST ON MAR 9	168 ON MAR 9	1.68 ON OCT 10	447 000	1987
1988	---	120 E ON MAR 26	0.153 ON AUG 25	427 000	1988
				526 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.408	0.887	---	1953
1954	---	16.6	---	---	1.39	0.388	0.001	0	0	5.83	2.08	4.81	---	1954
1955	5.57	1.2[illegible]	18.7	2.19	0.428	0.074	0	0	0	0.188	1.25	2.55	2.84	1955
1956	1.10	0.170	11.6	17.4	15.3	0.777	0.524	0.238	0.529	0.388	0.488	4.60	4.52	1956
1957	4.26	6.95	7.88	8.43	2.29	1.18	1.43	0.088	0.445	0.838	8.20	11.0	4.03	1957
1958	1.09	0.456	8.67	2.17	0.252	0.084	0.067	0.187	0.330	0.202	1.77	0.886	1.37	1958
1959	2.10	2.81	15.3	22.8	2.87	0.898	0.131	0.066	0.130	0.743	5.83	5.77	4.92	1959
1960	1.57	3.41	5.40	25.3	7.65	0.885	0.078	0.003	0.033	0.027	0.105	0.066	3.68	1960
1961	0.052	4.62	7.88	4.54	4.17	1.48	0.585	0.185	0.288	0.274	3.77	7.00	2.91	1961
1962	0.934	1.09	18.4	4.37	0.659	0.210	0.081	0.053	0.028	0.188	1.21	4.11	2.72	1962
1963	0.884	0.148	24.8	3.89	3.22	0.281	0.023	0.017	0.025	0.020	0.078	0.078	2.78	1963
1964	2.22	1.89	12.1	5.74	0.618	0.086	0.035	0.379	0.204	0.238	0.130	5.80	2.47	1964
1965	3.43	11.8	7.14	16.8	2.07	0.858	0.067	0.025	0.040	1.71	7.52	17.7	5.58	1965
1966	2.58	5.50	8.56	4.78	2.70	3.28	0.031	0.036	0.088	0.073	2.18	12.2	3.57	1966
1967	11.5	2.61	13.1	12.7	1.88	3.96	2.38	1.98	0.882	8.80	11.2	8.10	5.61	1967
1968	1.61	8.02	13.2	2.85	0.598	0.245	0.108	0.383	1.18	1.88	5.41	3.84	3.27	1968
1969	7.81	5.12	16.2	17.3	5.13	0.887	0.107	0.041	0.010	0.082	1.78	1.11	4.81	1969
1970	0.838	1.22	4.86	19.1	2.13	0.395	0.200	0.037	0.178	0.702	3.38	5.84	3.21	1970
1971	1.83	3.81	8.83	19.8	0.560	1.22	0.083	0.234	0.118	0.186	0.220	3.68	3.45	1971
1972	3.93	1.04	8.55	21.6	1.03	0.486	0.700	0.038	0.043	1.70	3.71	8.31	4.36	1972
1973	8.89	3.14	20.9	3.66	4.21	0.861	0.185	0.270	0.114	0.051	3.80	3.84	4.24	1973
1974	11.3	3.98	14.2	10.8	11.4	0.403	0.103	0.013	0.087	0.087	0.930	0.288	4.80	1974
1975	8.37	5.14	12.4	23.2	0.883	1.02	0.110	1.18	2.08	0.291	1.78	6.30	5.04	1975
1976	2.22	17.3	31.5	7.02	3.97	0.172	0.256	0.068	0.158	0.334	2.42	1.19	5.52	1976
1977	0.308	0.488	45.0	2.87	0.356	0.128	0.087	0.234	1.91	3.74	4.88	7.08	5.65	1977
1978	2.03	0.947	8.22	30.3	1.95	0.378	0.039	0.139	5.86	4.04	2.36	3.10	4.78	1978
1979	3.87	0.881	38.3	16.7	1.80	0.278	0.201	0.300	0.048	1.80	11.8	12.8	7.23	1979
1980	2.48	0.385	15.8	10.3	1.80	0.546	0.181	0.068	0.106	0.548	0.740	3.32	3.12	1980
1981	0.314	22.8	4.84	2.91	3.10	0.823	0.188	0.584	5.02	9.80	4.05	2.24	4.88	1981
1982	0.842	0.434	17.9	20.6	0.658	1.35	0.598	1.58	2.85	1.01	12.3	16.8	6.41	1982
1983	2.06	4.76	3.14	4.56	9.19	2.30	1.48	1.86	2.58	2.20	4.74	8.00	3.91	1983
1984	1.06	26.9	12.8	3.53	0.974	1.84	0.107	0.018	0.880	0.213	5.31	10.4	5.22	1984
1985	2.27	25.2	28.8	11.3	0.404	0.960	0.782	4.55	4.54	4.71	12.1	4.90	6.25	1985
1986	7.88	2.10	27.8	3.07	1.83	2.35	0.884	4.18	28.4	11.3	2.82	3.39	7.62	1986
1987	1.86	0.823	17.3	5.41	0.302	0.128	1.47	0.585	0.038	0.880	5.84	10.8	3.80	1987
1988	1.93	3.48	19.3	3.48	1.31	0.107	0.019	0.008	0.014	4.02	7.48	4.39	3.47	1988
MEAN	3.28	5.86	15.4	10.9	2.83	0.858	0.383	0.586	1.81	1.83	3.83	5.82	4.42	MEAN

LOCATION - LAT 43 37 00 N DRAINAGE AREA, 319 km²
LONG 81 12 30 W REGULATED

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	214 AT 23:00 EST ON MAY 11	182 ON MAR 11	0 ON JUN 28 *	83 100	1956
1957	---	182 ON APR 4	0.028 ON AUG 21	143 000	1957
1958	---	101 ON DEC 21	0.057 ON AUG 4	127 000	1958
1959	146 AT 19:00 EST ON APR 8	26.8 ON MAR 27	0 ON AUG 28	43 100	1959
1960	208 AT 16:00 EST ON APR 3	146 ON APR 2	0.028 ON AUG 10	155 000	1960
1961	---	172 ON APR 3	0 ON JUL 27	118 000	1961
1962	---	83.3 ON DEC 6	0 ON AUG 17	91 600	1962
1963	---	118 ON MAR 29	0 ON JUL 17	85 700	1963
1964	---	271 ON MAR 27	0 ON JUL 13	88 000	1964
1965	---	84.1 ON DEC 25	0 ON JUL 1	78 200	1965
1966	---	80.88 ON FEB 10	0 ON AUG 22	175 000	1966
1967	---	181 ON DEC 7	0.011 ON AUG 6	113 000	1967
1968	---	207 ON JAN 25	0.025 ON SEP 13	205 000	1968
1969	---	127 B ON FEB 2	0.025 ON JUL 28	104 000	1969
		137 ON APR 5	0 ON SEP 20	145 000	
1970	205 AT 22:43 EST ON APR 8	144 ON APR 9	0.005 ON AUG 24	101 000	1970
1971	108 AT 17:55 EST ON APR 2	84.8 ON APR 2	0 ON JUL 4	100 000	1971
1972	153 AT 02:25 EST ON APR 17	100 ON APR 13	0 ON AUG 31	137 000	1972
1973	193 AT 18:06 EST ON MAR 11	82.1 ON MAR 11	0 ON SEP 7	134 000	1973
1974	269 AT 03:24 EST ON MAY 17	184 ON MAY 17	0 ON AUG 18	142 000	1974
1975	447 AT 05:18 EST ON APR 18 *	284 ON APR 19	0.005 ON AUG 2	158 000	1975
1976	261 AT 04:36 EST ON MAR 21	203 ON MAR 21	0.001 ON SEP 16	175 000	1976
1977	413 AT 23:48 EST ON MAR 17	380 ON MAR 13 *	0 E ON SEP 1	178 000	1977
1978	191 AT 21:19 EST ON APR [illegible]	120 ON APR 7	0.028 ON JUL 13	150 000	1978
1979	233 AT 02:51 EST ON APR 14	164 ON APR 14	0.012 ON SEP 12	238 000	1979
1980	195 AT 14:02 EST ON MAR 21	150 ON MAR 21	0.028 ON AUG 25	88 800	1980
1981	148 AT 14:06 EST ON FEB 23	121 ON FEB 23	0.014 ON AUG 26	145 000	1981
1982	201 AT 21:54 EST ON MAR 31	165 ON MAR 31	0.089 ON JUL 15	202 000	1982
1983	52.8 AT 01:00 EST ON DEC 13	43.1 ON DEC 13	0.004 ON JUL 26	123 000	1983
1984	112 AT 18:50 EST ON DEC 28	98.08 ON FEB 14	0 ON AUG 1	155 000	1984
1985	---	169 B ON FEB 25	0 ON AUG 4	280 000	1985
1986	282 AT 08:13 EST ON SEP 11	216 ON SEP 11	0.032 ON AUG 6	247 000	1986
1987	86.6 AT 03:00 EST ON NOV 26	83.4 ON NOV 26	0 ON JUN 21	123 000	1987
1988	---	78.9 ON MAR 26	0.0088 ON AUG 10	110 000	1988
				139 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.847	1.43	3.10	---	1953
1954	6.80	68.7	69.1	37.8	6.12	2.18	0.435	0.415	0.693	34.0	7.60	22.4	20.2	1954
1955	18.6	6.23	95.1	26.5	3.42	1.04	0.998	0.511	0.594	1.41	6.59	10.5	11.0	1955
1956	4.70	4.51	52.8	57.0	56.8	3.58	2.43	8.87	8.40	2.86	3.28	23.8	18.0	1956
1957	18.6	25.2	30.7	27.5	11.5	9.80	10.3	1.48	4.05	3.88	28.6	48.1	16.1	1957
1958	7.22	4.02	35.8	11.1	2.75	1.47	1.77	0.933	3.75	1.87	6.98	4.22	6.88	1958
1959	9.01	11.2	59.5	88.4	15.5	2.81	1.14	1.53	1.53	8.97	25.0	26.7	19.3	1959
1960	13.5	14.0	24.5	93.3	30.4	12.9	1.71	0.812	0.660	1.00	1.51	0.928	16.2	1960
1961	0.772	20.4	23.1	21.8	17.5	4.10	2.90	1.55	1.56	1.25	9.52	14.0	8.77	1961
1962	3.18	3.86	50.8	17.9	4.18	1.72	0.664	0.811	0.628	1.30	5.82	6.62	8.31	1962
1963	2.88	2.13	76.0	16.2	8.52	2.37	0.991	0.786	0.853	0.831	1.05	0.816	9.84	1963
1964	8.95	7.29	36.5	24.2	4.83	1.11	0.928	6.83	2.83	1.34	1.75	20.5	10.2	1964
1965	21.7	42.0	28.2	58.6	7.77	1.24	0.824	0.877	1.34	4.23	16.3	51.7	18.4	1965
1966	11.2	23.7	35.6	17.9	9.19	11.3	1.70	3.42	3.72	2.69	24.4	54.2	16.6	1966
1967	35.2	12.6	44.8	62.7	8.66	22.0	8.96	13.3	6.31	30.4	45.6	43.2	27.1	1967
1968	10.3	55.4	50.7	12.7	5.74	2.65	2.23	3.04	6.18	16.6	23.3	23.6	17.7	1968
1969	30.5	24.4	60.1	53.5	20.5	4.90	2.46	3.00	3.06	3.19	10.8	7.73	17.8	1969
1970	3.46	5.97	20.7	57.0	18.0	4.36	3.70	2.58	3.77	5.82	21.6	28.0	14.7	1970
1971	8.66	11.0	44.9	60.0	6.35	3.12	2.00	2.76	2.26	2.17	2.04	10.3	13.0	1971
1972	11.9	4.58	38.1	66.2	11.5	2.91	3.87	2.11	3.05	6.73	14.4	30.8	16.3	1972
1973	43.9	15.7	75.0	17.4	18.4	5.50	2.95	2.84	2.84	3.42	19.4	17.0	18.7	1973
1974	38.0	14.7	51.4	35.3	42.3	5.62	3.28	2.84	2.83	2.83	6.22	3.56	17.8	1974
1975	24.1	20.2	42.5	61.8	6.30	5.88	6.57	3.04	6.23	2.26	6.65	18.6	17.0	1975
1976	11.0	59.6	79.6	24.3	17.9	3.07	6.61	9.06	6.57	5.78	12.9	6.03	20.0	1976
1977	2.91	2.38	87.6	20.2	6.26	2.63	2.94	3.46	14.8	20.3	20.5	29.3	18.8	1977
1978	7.66	4.69	22.4	108	12.6	3.69	2.66	2.20	11.2	11.9	8.13	11.7	17.3	1978
1979	14.1	3.71	79.6	59.2	10.8	3.66	2.70	2.95	2.83	6.50	32.2	36.7	21.6	1979
1980	12.9	2.80	46.9	34.4	12.0	6.26	5.04	3.14	3.23	6.06	5.14	12.6	12.6	1980
1981	1.99	67.6	20.5	16.4	13.2	3.73	2.38	3.19	20.7	32.1	15.0	9.56	16.6	1981
1982	5.82	3.13	62.6	70.9	5.61	6.63	3.80	4.52	12.0	7.70	42.6	56.6	23.7	1982
1983	14.5	23.6	12.5	20.1	33.2	15.2	12.3	15.6	8.86	9.00	17.5	32.3	16.0	1983
1984	6.86	76.6	36.7	18.2	11.6	13.6	4.80	2.77	12.8	6.24	18.2	32.3	18.7	1984
1985	14.4	46.4	108	46.5	6.82	4.82	3.85	6.77	11.8	16.7	46.6	20.2	27.6	1985
1986	24.1	7.80	73.0	16.7	9.27	6.46	4.44	7.11	61.8	46.1	13.9	16.6	24.4	1986
1987	10.4	4.82	46.6	27.7	3.74	3.40	3.44	2.37	1.86	3.60	17.0	36.6	13.7	1987
1988	10.6	15.2	47.8	18.0	7.58	1.91	1.66	1.47	2.06	14.1	33.3	16.3	14.4	1988
MEAN	13.6	20.4	49.3	38.4	13.3	5.46	3.39	3.75	6.80	9.00	18.8	22.2	16.8	MEAN

LOCATION - LAT 43 06 57 N DRAINAGE AREA, 1 340 km²
LONG 81 11 30 W REGULATED

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	867 AT 21:00 EST ON FEB 18 *	521 ON OCT 18	0.395 ON JUL 7	637 000	1954
1955	---	255 E ON MAR 11	0.227 ON AUG 8 *	347 000	1955
1956	868 AT 24:00 EST ON MAY 11	447 ON MAY 12	0.883 ON AUG 3	802 000	1956
1957	473 AT 08:15 EST ON DEC 21	380 ON DEC 21	1.05 ON AUG 22	570 000	1957
1958	87.1 AT 08:00 EST ON MAR 27	84.4 ON MAR 27	0.586 ON AUG 20	218 000	1958
1959	447 AT 13:00 EST ON APR 2	382 ON APR 2	0.386 ON AUG 7	607 000	1959
1960	868 AT 00:30 EST ON APR 4	527 ON APR 3	0.521 ON AUG 28	512 000	1960
1961	142 AT 20:30 EST ON FEB 24	135 ON FEB 24	0.2838 ON JAN 24	308 000	1961
1962	---	122 B ON MAR 24	0.430 ON JUL 16	262 000	1962
1963	848 AT 02:00 EST ON MAR 28	585 ON MAR 27	0.476 ON JUL 10	305 000	1963
1964	176 AT 23:59 EST ON APR 6	172 ON DEC 26	0.430 ON JUL 7	322 000	1964
1965	803 AT 00:30 EST ON FEB 11	337 ON FEB 11	0.328 ON JUL 30	812 000	1965
1966	580 AT 13:00 EST ON DEC 7	476 ON DEC 7	0.868 ON JUL 13	622 000	1966
1967	610 AT 08:00 EST ON APR 3	366 ON APR 3	2.57 ON JUL 16	858 000	1967
1968	651 AT 16:20 EST ON FEB 2	501 ON FEB 2	1.08 ON JUN 19	562 000	1968
1969	377 AT 11:20 EST ON APR 5	300 ON APR 5	1.40 ON JUL 13	561 000	1969
1970	317 AT 08:00 EST ON APR 9	286 ON APR 9	1.37 ON JUL 3	483 000	1970
1971	303 AT 08:08 EST ON APR 2	270 ON APR 2	0.898 ON JUL 4	408 000	1971
1972	309 AT 09:56 EST ON APR 17	252 ON APR 17	1.11 ON AUG 8	517 000	1972
1973	291 AT 01:26 EST ON MAR 12	263 ON MAR 12	1.87 ON JUL 24	581 000	1973
1974	583 AT 10:37 EST ON MAY 17	445 ON MAY 17	1.93 ON OCT 31	554 000	1974
1975	714 AT 10:17 EST ON APR 10	552 ON APR 10	0.504 ON AUG 20	538 000	1975
1976	463 AT 20:52 EST ON MAR 6	286 ON MAR 21	1.36 ON JUN 15	534 000	1976
1977	711 AT 13:05 EST ON MAR 13	646 ON MAR 13 *	0.940 ON JUN 24	583 000	1977
1978	473 AT 16:40 EST ON APR 11	374 ON APR 11	1.63 ON SEP 2	544 000	1978
1979	868 AT 09:37 EST ON APR 14	506 ON APR 14	1.57 ON JUL 23	680 000	1979
1980	541 AT 17:12 EST ON MAR 21	408 ON MAR 21	2.02 ON JUL 28	389 000	1980
1981	423 AT 20:26 EST ON FEB 23	328 ON FEB 23	0.833 ON AUG 12	530 000	1981
1982	576 AT 00:57 EST ON APR 1	458 ON MAR 31	1.77 ON AUG 19	748 000	1982
1983	---	239 E ON DEC 13	1.74 ON JUL 27	569 000	1983
1984	---	280 B ON FEB 14	1.72 ON AUG 29	624 000	1984
1985	375 AT 23:33 EST ON MAR 28	318 ON FEB 25	1.93 ON AUG 3	868 000	1985
1986	521 AT 21:55 EST ON SEP 11	419 ON SEP 12	2.46 ON JUL 25	769 000	1986
1987	178 AT 03:00 EST ON MAR 8	150 ON DEC 31	1.46 ON AUG 24	433 000	1987
1988	---	197 ON MAR 28	1.14 ON AUG 22	486 000	1988
				535 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.287	0.311	0.272	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	0.330	0.400	0.502	---	1959
1960	0.334	0.506	0.386	1.55	1.46	0.602	0.554	0.407	0.380	0.353	0.436	0.289	0.804	1960
1961	0.257	1.04	0.736	0.780	0.522	0.520	0.398	0.286	0.285	0.262	0.365	0.384	0.468	1961
1962	0.380	0.485	0.688	0.563	0.401	0.315	0.266	0.263	0.282	0.296	0.313	0.224	0.370	1962
1963	0.304	0.265	0.603	0.558	0.518	0.287	0.247	0.275	0.266	0.238	0.331	0.353	0.383	1963
1964	0.530	0.387	0.485	0.531	0.266	0.245	0.406	0.313	0.193	0.237	0.317	0.407	0.388	1964
1965	0.418	1.08	0.985	1.84	0.388	0.268	0.244	0.245	0.200	0.422	0.540	0.784	0.811	1965
1966	0.358	0.476	1.73	0.505	0.348	0.278	0.224	0.186	0.225	0.226	0.376	0.484	0.461	1966
1967	0.404	0.347	0.810	0.882	0.540	0.557	0.454	0.311	0.298	0.360	0.611	0.508	0.507	1967
1968	0.406	0.719	1.60	0.833	0.572	0.330	0.212	0.287	0.303	0.294	0.588	0.474	0.524	1968
1969	0.952	0.480	0.924	0.685	0.522	0.410	0.362	0.386	0.244	0.320	0.407	0.378	0.503	1969
1970	0.308	0.361	0.588	0.756	0.478	0.341	0.289	0.223	0.268	0.320	0.386	0.378	0.392	1970
1971	0.273	0.389	0.370	1.36	0.431	0.350	0.274	0.188	0.264	0.287	0.277	0.422	0.402	1971
1972	0.389	0.357	0.424	1.56	0.841	0.382	0.322	0.373	0.308	0.401	0.514	0.668	0.525	1972
1973	0.610	0.664	1.25	0.884	0.504	0.331	0.204	0.193	0.186	0.318	0.503	0.378	0.483	1973
1974	0.535	0.387	1.08	1.12	0.888	0.458	0.439	0.308	0.324	0.327	0.420	0.358	0.537	1974
1975	0.502	0.641	1.28	0.784	0.423	0.318	0.255	0.235	0.287	0.287	0.368	0.412	0.483	1975
1976	0.363	0.591	1.21	0.643	0.576	0.408	0.336	0.275	0.285	0.315	0.315	0.286	0.467	1976
1977	0.230	0.309	1.08	0.574	0.288	0.284	0.213	0.289	0.364	0.403	0.633	0.555	0.434	1977
1978	0.529	0.298	0.496	1.46	0.856	0.338	0.318	0.301	0.371	0.367	0.424	0.339	0.482	1978
1979	0.362	0.255	1.55	0.878	0.475	0.310	0.250	0.271	0.278	0.365	0.406	0.459	0.480	1979
1980	0.528	0.248	1.62	0.983	0.384	0.486	0.548	0.310	0.387	0.502	0.474	0.523	0.583	1980
1981	0.341	2.05	0.575	0.585	0.502	0.341	0.328	0.334	0.426	0.525	0.520	0.344	0.562	1981
1982	0.348	0.247	0.668	1.37	0.453	0.498	0.338	0.284	0.317	0.325	0.502	0.630	0.506	1982
1983	0.505	0.851	0.688	0.792	0.751	0.388	0.287	0.286	0.287	0.408	0.450	0.486	0.512	1983
1984	0.231	0.872	0.735	1.23	0.571	0.328	0.283	0.279	0.348	0.294	0.373	0.393	0.500	1984
1985	0.272	0.883	1.01	0.887	0.467	0.353	0.273	0.276	0.304	0.337	0.722	0.385	0.486	1985
1986	0.385	0.294	0.883	0.585	0.443	0.401	0.290	0.413	0.606	0.518	0.480	0.674	0.509	1986
1987	0.445	0.320	0.855	0.745	0.370	0.334	0.280	0.278	0.351	0.382	0.457	0.511	0.443	1987
1988	0.502	0.480	1.03	0.641	0.450	0.311	0.260	0.248	0.300	0.383	0.429	0.438	0.452	1988
MEAN	0.412	0.555	0.918	0.888	0.521	0.371	0.318	0.287	0.308	0.343	0.443	0.443	0.484	MEAN

LOCATION - LAT 44 01 04 N DRAINAGE AREA, 42.7 km²
LONG 78 26 23 W REGULATED

REMARKS - MINOR REGULATION BY PUMPING

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.8 ON MAY 8	0.2658 ON JAN 26	10 100	1960
1961	---	6.848 ON FEB 26	0.201 ON AUG 19	15 300	1961
1962	---	1.31 ON MAR 26	0.144 ON JUL 17	11 700	1962
1963	---	2.15 ON MAR 27	0.173 ON AUG 11	11 100	1963
1964	---	3.91 ON JUL 13	0.130 ON AUG 1	11 400	1964
1965	---	20.0 ON APR 7	0.1268 ON MAR 31	15 300	1965
1966	---	14.2 B ON MAR 1	0.127 ON AUG 1	14 200	1966
1967	---	3.438 ON MAR 12	0.1228 ON FEB 13	15 000	1967
1968	21.5 B AT 21 00 EST ON MAR 18	5.238 ON MAR 18	0.159 ON JUL 29	15 800	1968
1969	23.4 B AT 18 57 EST ON MAR 18	4.738 ON MAR 18	0.178 ON JUL 23	15 800	1969
1970	2.70 AT 13 32 EST ON APR 20	1.28 ON APR 20	0.161 ON AUG 17	12 400	1970
1971	6.21 AT 22 11 EST ON APR 9	3.09 ON APR 10	0.113 ON AUG 7	12 700	1971
1972	11.4 AT 12 00 EST ON APR 13	4.83 ON APR 13	0.187E ON AUG 1	15 800	1972
1973	10.9 AT 22 30 EST ON MAR 7	4.87 ON MAR 7	0.110 ON JUL 24 *	15 200	1973
1974	14.6 AT 07 47 EST ON APR 4	5.41 ON MAR 6	0.1598 ON JAN 18	15 800	1974
1975	14.1 AT 20 25 EST ON MAR 19	7.90 ON MAR 19	0.1818 ON FEB 10	15 200	1975
1976	8.55 AT 07 34 EST ON MAR 21	6.28 ON MAR 21	0.221 ON AUG 24	14 600	1976
1977	14.0 AT 09 33 EST ON MAR 13	7.85 ON MAR 13	0.150 ON JUL 23	13 700	1977
1978	6.71 AT 17 36 EST ON APR 1	4.22 ON APR 7	0.218 ON JUL 18	15 800	1978
1979	10.0 AT 09 04 EST ON MAR 14	5.88 ON MAR 14	0.190 ON JUL 25	15 800	1979
1980	---	20.5 E ON MAR 21 *	0.1858 ON MAR 20	15 400	1980
1981	---	6.00E ON FEB 20	0.232 ON JUL 17	17 700	1981
1982	26.4 AT 19 47 EST ON MAR 31 *	6.62 ON MAR 31	0.2188 ON FEB 11	15 000	1982
1983	22.2 AT 01 00 EST ON FEB 3	5.86 ON FEB 3	0.236 ON JUL 27	15 100	1983
1984	25.8 AT 09 06 EST ON APR 6	10.0 B ON FEB 14	0.1608 ON JAN 20	15 800	1984
1985	---	5.60B ON FEB 24	0.185 ON SEP 13	15 700	1985
1986	7.75 AT 15 49 EST ON MAR 19	4.65 ON MAR 19	0.198 ON JUL 31	15 100	1986
1987	4.47 AT 21 48 EST ON APR 4	2.78 ON APR 5	0.216 ON JUL 31	14 000	1987
1988	---	5.63B ON MAR 26	0.180E ON JUL 9	14 300	1988
				15 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHEAST TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB018

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	0.010	0.036	0.003	0.011	0.018	0.020	---	---	1986
MEAN	---	---	---	---	---	0.010	0.036	0.003	0.011	0.018	0.020	---	---	MEAN

LOCATION - LAT 48 57 03 N
LONG 91 42 44 W NATURAL FLOW

DATA CONTRIBUTED BY -
ATOMIC ENERGY OF CANADA

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	0.001	0	0.010	0.011	0.006	0.001	---	1970
1971	---	---	---	0.016	0.010	0.006	0.002	0.002	0.004	0.018	---	---	0.008	1971
1972	---	---	---	0.011	0.007	0.003	0.004	0.010	0.006	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.005	0.003	0.005	0.004	0.010	0.007	---	---	0.006	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	0.011	0.005	0.004	0.002	0	0.003	0.003	---	---	0.005	1975
1976	---	---	---	0.018	0.002	0.003	0	0	0	0	---	---	0.003	1976
1977	---	---	0	0.008	0.006	0.012	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.032	0.012	0.006	0.001	0.002	0.002	0.001	---	---	0.005	1978
1979	---	---	---	0.017	0.008	0.003	0	0	0	0	---	---	0.004	1979
1980	---	---	---	0.010	0.002	0.001	0.003	0.005	0.005	0.005	---	---	0.004	1980
1981	---	---	---	0.008	0.001	0.010	0.006	0.001	0.007	0.008	---	---	0.006	1981
1982	---	---	---	0.010	0.006	0.003	0.008	0	0.003	0.011	---	---	0.007	1982
1983	---	---	---	0.016	0.005	0.005	0.002	0	0	0	---	---	0.004	1983
1984	---	---	---	0.013	0.003	0.005	0	0	0	0.008	---	---	0.004	1984
1985	---	---	---	0.025	0.007	0	0	0	0.001	0.002	---	---	0.005	1985
1987	---	---	0.014	0.007	0.005	0.003	0	0	0	0	---	---	0.002	1987
1988	---	---	0	0.012	0.003	0.001	0.010	0	0	0	---	---	0.004	1988
MEAN	---	---	0.005	0.014	0.006	0.004	0.003	0.001	0.003	0.005	0.006	0.001	0.005	MEAN

LOCATION - LAT 49 39 57 N, LONG 93 43 40 W
DRAINAGE AREA, .55 km²
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	0 ON JUL 17 *	---	1970
1971	0.187 AT 04:15 CST ON JUL 1	0.128 ON JUL 1	0E ON APR 1	172	1971
1972	---	0.153 ON AUG 20	0 ON JUL 6	131	1972
1973	0.136 AT 23:42 CST ON APR 20	0.074 ON APR 21	0E ON APR 1	118	1973
1975	0.122 AT 14:02 CST ON JUN 22	0.065 ON JUN 22	0E ON APR 1	98.1	1975
1976	0.089 AT 14:20 CST ON APR 16	0.078 ON APR 16	0 ON APR 1	82.1	1976
1977	0.071 AT 18:48 CST ON JUN 16	0.062 ON JUN 16	0 ON APR 1	80.8	1977
1978	0.102 AT 17:22 CST ON APR 26	0.078 ON APR 26	0 ON APR 1	116	1978
1979	0.116 AT 03:10 CST ON APR 26	0.063 ON APR 26	0 ON APR 1	76.2	1979
1980	0.057 AT 11:58 CST ON APR 18	0.048 ON APR 18	0 ON APR 1	60.7	1980
1981	0.121E AT 23:52 CST ON SEP 6	0.060E ON JUL 3	0 ON MAY 20	104	1981
1982	---	0.132E ON APR 16	0E ON APR 3	131	1982
1983	0.066 AT 20:23 CST ON APR 11	0.048 ON APR 11	0 ON APR 1	71.8	1983
1984	0.069 AT 18:02 CST ON OCT 18	0.048 ON APR 6	0 ON MAY 28	76.4	1984
1986	---	0.105 ON APR 26	0 ON MAY 25	90.4	1986
1987	---	0.028 ON MAY 22	0 ON MAY 7	36.5	1987
1988	0.432 ON JUL 7 *	0.180 ON JUL 7 *	0 ON APR 1	89.1	1988
				94.8	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	3.87	---	---	1967
1968	---	---	---	6.49	2.80	2.06	1.63	2.56	2.78	2.36	4.72	3.06	---	1968
1969	---	---	10.6	10.2	5.06	2.06	1.63	1.46	1.22	1.86	2.27	2.18	---	1969
1970	2.06	1.61	3.33	10.6	3.32	1.61	2.64	1.12	1.61	1.93	2.63	3.24	2.85	1970
1971	1.56	2.66	3.11	8.29	2.36	1.67	1.36	1.36	1.12	1.24	1.50	3.02	2.61	1971
1972	2.40	1.80	2.66	12.1	3.03	2.91	1.66	1.24	1.16	2.01	2.40	2.90	3.01	1972
1973	4.31	3.33	12.0	6.06	4.07	2.06	1.36	1.76	1.16	1.76	3.26	2.56	3.65	1973
1974	5.01	4.56	9.51	7.43	5.76	2.31	1.71	1.36	1.41	1.56	2.12	1.61	3.70	1974
1975	1.63	3.76	5.00	7.76	4.26	2.16	1.63	1.46	1.63	1.71	1.90	2.36	2.82	1975
1976	2.16	7.41	10.6	5.00	3.73	2.06	2.01	1.71	2.26	---	---	1.77	---	1976
1977	---	---	10.1	3.66	1.60	---	---	2.62	2.63	3.62	3.46	3.77	---	1977
1978	---	---	---	11.6	4.10	2.23	1.66	1.52	---	---	---	---	---	1978
MEAN	2.74	3.50	7.46	8.05	3.65	2.11	1.70	1.67	1.70	1.96	2.62	2.65	3.12	MEAN

LOCATION - LAT 44 06 38 N, LONG 79 53 21 W
DRAINAGE AREA, 334 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	
1968	---	---	---	---	1967
1969	---	---	---	---	1968
		32.8 ON MAR 21	---	---	1969
1970	31.1E AT 01:30 EST ON APR 9	28.3E ON APR 15	0.787B ON MAR 1	93 000	1970
1971	22.7E AT 18:00 EST ON APR 13	22.0E ON APR 13	0.785 ON AUG 8 *	78 100	1971
1972	32.8E AT 10:26 EST ON APR 19	31.4E ON APR 19	0.887 ON AUG 30	98 000	1972
1973	33.1 AT 11:12 EST ON MAR 8	27.9 ON MAR 8	0.863 ON SEP 8	115 000	1973
1974	42.5 AT 14:18 EST ON MAR 5 *	40.5 ON MAR 5 *	1.16 ON AUG 22	117 000	1974
1975	37.1 AT 17:11 EST ON APR 19	32.6 ON APR 19	1.19 ON AUG 3	92 100	1975
1976	33.1 AT 15:39 EST ON MAR 21	31.4 ON MAR 21	1.23 ON SEP 15	---	1976
1977	---	32.6 ON MAR 14	---	---	1977
1978	27.1 AT 06:53 EST ON APR 12	25.6 ON APR 12	---	---	1978
				98 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	3.80	3.56	3.85	---	---	1947
1948	---	---	---	15.5	5.11	4.01	3.44	2.49	2.36	3.06	4.52	3.36	---	1948
1949	---	13.6	29.4	11.9	4.16	2.12	1.86	1.71	2.46	2.62	2.83	8.62	---	1949
1950	12.7	6.29	27.3	48.9	5.37	3.37	2.04	1.77	2.13	2.16	4.01	10.3	10.0	1950
1951	15.0	12.1	35.6	53.6	5.33	4.70	5.49	2.15	3.20	5.16	11.7	7.34	13.7	1951
1952	12.3	10.4	20.0	32.3	6.49	2.84	3.62	2.21	2.75	3.02	4.84	5.16	8.98	1952
1953	7.95	11.4	17.5	8.26	12.6	6.74	5.33	2.45	2.39	2.76	3.99	5.08	7.22	1953
1954	2.92	16.0	35.2	24.1	7.58	5.89	2.50	2.82	5.15	45.8	10.9	10.1	14.1	1954
1955	10.5	5.47	32.2	36.0	7.13	4.06	2.70	2.89	2.88	5.13	8.44	5.70	10.4	1955
1956	5.25	4.95	17.2	55.7	18.9	6.24	8.80	6.55	6.02	4.85	5.43	7.89	12.5	1956
1957	7.35	13.4	15.3	17.0	9.84	7.34	4.80	2.58	4.48	4.83	4.78	8.20	8.40	1957
1958	4.38	4.04	14.0	12.1	3.56	2.81	2.45	2.11	2.62	2.70	3.12	3.38	4.77	1958
1959	2.91	3.41	13.8	34.6	10.6	2.68	2.17	2.71	3.82	5.47	7.80	7.81	8.11	1959
1960	8.83	8.18	8.83	51.5	32.2	8.28	3.83	3.08	2.95	3.88	4.70	3.15	12.2	1960
1961	2.97	13.2	17.3	17.0	10.1	4.84	3.88	3.31	4.78	2.76	4.38	4.47	7.37	1961
1962	3.24	2.70	17.3	16.1	4.30	3.38	2.85	2.38	2.41	5.82	16.1	9.65	7.12	1962
1963	3.84	3.80	24.2	13.3	14.1	3.81	2.83	2.73	2.48	2.85	3.67	3.22	8.74	1963
1964	4.61	3.51	8.11	11.8	5.88	2.88	3.29	3.28	2.80	2.71	2.84	4.01	4.81	1964
1965	3.85	16.2	8.15	39.8	7.07	2.88	2.22	2.11	3.25	4.18	7.37	9.29	8.81	1965
1966	7.31	5.82	18.6	8.44	5.62	4.49	1.81	2.00	1.77	2.14	3.84	5.08	5.80	1966
1967	5.42	4.63	13.1	21.8	5.86	19.0	10.7	5.48	4.88	10.3	13.0	19.8	11.7	1967
1968	8.49	15.1	41.2	15.7	8.55	4.72	2.83	4.04	5.83	5.71	11.7	13.5	11.3	1968
1969	7.88	9.24	28.6	36.0	17.6	6.37	4.88	3.45	2.70	4.15	6.81	4.58	11.0	1969
1970	4.61	5.38	10.5	32.1	8.16	3.87	5.87	2.81	3.94	5.04	5.80	9.08	8.27	1970
1971	4.86	5.74	12.2	37.3	6.83	4.13	3.46	3.30	3.01	3.17	3.45	8.70	7.81	1971
1972	4.87	3.62	5.77	48.3	9.62	5.88	4.06	2.81	2.56	5.22	7.17	6.36	8.82	1972
1973	10.8	7.47	34.5	21.0	11.6	5.83	3.32	4.54	2.78	3.90	8.82	6.75	10.2	1973
1974	8.02	7.42	28.3	23.4	16.9	5.33	6.84	3.27	3.00	3.61	5.87	4.84	8.84	1974
1975	5.50	10.5	19.4	32.7	11.5	3.86	3.07	3.02	3.73	3.51	4.07	5.27	8.81	1975
1976	4.02	7.26	29.0	15.0	11.8	4.46	6.43	4.31	8.00	7.34	6.82	4.88	8.80	1976
1977	3.87	4.11	36.6	14.4	4.39	3.66	3.72	7.76	8.04	12.8	11.5	8.84	10.0	1977
1978	7.56	5.84	9.46	52.3	14.4	5.06	2.65	3.56	5.09	5.01	6.53	4.47	10.0	1978
1979	4.27	3.41	34.9	26.2	12.3	4.79	3.44	4.09	3.41	6.56	11.1	17.1	11.0	1979
1980	8.85	3.47	19.3	24.6	9.10	4.91	13.0	7.71	8.13	8.91	8.89	12.3	11.0	1980
1981	4.24	20.9	12.2	10.8	10.0	4.91	4.26	5.86	9.28	8.79	13.3	10.4	10.3	1981
1982	8.39	5.20	27.6	35.8	7.67	11.5	7.75	6.09	6.31	6.91	17.1	26.3	13.7	1982
1983	9.89	9.88	18.0	21.4	17.7	6.23	3.30	3.82	4.12	4.83	6.12	5.75	8.36	1983
1984	3.67	22.1	24.5	24.2	12.1	6.55	3.34	3.15	5.39	4.73	7.12	9.29	10.4	1984
1985	7.88	16.2	30.0	37.0	9.80	6.26	3.31	4.29	5.76	5.18	13.3	9.08	13.0	1985
1986	6.73	5.81	34.2	14.4	9.02	6.86	3.83	5.62	17.6	15.6	9.80	11.2	11.8	1986
1987	8.21	8.57	26.5	26.8	7.03	7.51	6.48	3.48	3.53	5.13	7.22	13.5	10.0	1987
1988	8.38	13.8	17.7	15.3	7.88	3.83	2.14	2.57	3.73	5.18	7.58	8.01	7.89	1988
MEAN	8.89	9.00	22.2	26.9	10.1	5.36	4.38	3.81	4.37	6.18	7.47	8.24	9.88	MEAN

LOCATION - LAT 44 14 58 N
LONG 79 49 20 W
DRAINAGE AREA, 1 180 km^2
NATURAL FLOW

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	145 ON MAR 23	0.876 ON AUG 15 *	---	1949
1950	---	235 ON APR 4	1.16 ON AUG 13	335 000	1950
1951	---	267 ON APR 13 *	1.89 ON AUG 29	431 000	1951
1952	---	72.5 ON APR 1	1.30 ON AUG 22	284 000	1952
1953	---	83.1 ON MAR 4	1.73 ON AUG 3	224 000	1953
1954	---	264 ON OCT 16	1.70 ON JUL 21	445 000	1954
1955	---	118 ON MAR 11	2.01 ON AUG 4	328 000	1955
1956	---	166 ON APR 5	2.76 ON JUL 20	393 000	1956
1957	---	74.2B ON FEB 27	2.07 ON AUG 17	285 000	1957
1958	---	41.1 ON MAR 30	1.47 ON AUG 4	150 000	1958
1959	---	87.5 ON APR 2	1.81 ON JUL 17	256 000	1959
1960	---	175 ON APR 4	1.56 ON DEC 10	385 000	1960
1961	---	83.1 ON MAR 26	2.27 ON AUG 5	232 000	1961
1962	---	100 ON NOV 11	1.73 ON SEP 10	225 000	1962
1963	---	120 ON MAR 27	1.35 ON JUL 14	213 000	1963
1964	---	47.5 ON APR 8	2.24 ON JUL 25	146 000	1964
1965	---	114 ON APR 8	1.70 ON AUG 24	281 000	1965
1966	81.7B AT 12:10 EST ON JAN 1	45.3B ON JAN 1	1.04 ON JUL 21	186 000	1966
1967	73.9 AT 20:45 EST ON DEC 22	68.4 ON APR 1	2.52 ON JUN 6	388 000	1967
1968	129 AT 17:50 EST ON MAR 20	106 B ON MAR 19	1.77 ON AUG 16	356 000	1968
1969	107 AT 21:30 EST ON MAR 23	86.8 ON MAR 23	2.32 ON SEP 1	347 000	1969
1970	79.0 AT 03:21 EST ON APR 9	71.4 ON APR 9	2.41 A ON AUG 16	261 000	1970
1971	83.5 AT 17:04 EST ON APR 13	78.7 ON APR 13	2.20 ON AUG 21	246 000	1971
1972	172 AT 20:43 EST ON APR 14	152 ON APR 14	2.29 ON SEP 18	282 000	1972
1973	107 AT 10:31 EST ON MAR 8	86.8 ON MAR 8	2.29 ON JUL 24	322 000	1973
1974	142 AT 18:30 EST ON MAR 6	121 ON MAR 7	2.48 ON AUG 22	310 000	1974
1975	178 AT 03:03 EST ON APR 20 *	157 ON APR 20 E	2.02 ON AUG 20	278 000	1975
1976	143 AT 20:36 EST ON MAR 21	136 ON MAR 21	2.44 ON SEP 8	282 000	1976
1977	128 AT 18:06 EST ON MAR 11	121 ON MAR 14	2.11 ON JUL 26	315 000	1977
1978	117 AT 20:54 EST ON APR 7	98.8 ON APR 7	2.28 ON AUG 1	316 000	1978
1979	88.5 AT 14:02 EST ON APR 16	85.8 ON APR 16	2.47 ON JUL 23	348 000	1979
1980	114 AT 03:51 EST ON MAR 22	97.8 ON MAR 22	2.68 ON JUL 13	348 000	1980
1981	152 AT 21:30 EST ON FEB 21	112 ON FEB 21	3.71 ON JUL 16	324 000	1981
1982	184 AT 20:04 EST ON MAR 31	142 ON APR 1	3.11 ON AUG 18	432 000	1982
1983	82.6 AT 01:02 EST ON APR 11	46.0 ON APR 11	2.38 ON SEP 15	206 000	1983
1984	---	e 70.0B ON FEB 16	2.24 ON AUG 17	230 000	1984
1985	105 AT 16:20 EST ON MAR 28	100 ON MAR 28	1.78 ON AUG 10	411 000	1985
1986	127 B AT 17:22 EST ON MAR 19	88.7B ON MAR 19	2.33 E ON JUL 12	371 000	1986
1987	---	106 A ON APR 6	2.20 ON AUG 1	315 000	1987
1988	---	52.0 ON MAR 27	1.52 ON JUL 20	243 000	1988
				305 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	3.84	4.97	7.14	5.78	---	1914
1915	5.53	8.51	22.4	16.5	8.20	3.12	4.36	7.50	8.62	8.88	8.83	6.44	8.57	1915
1916	10.2	12.4	20.4	41.0	12.9	8.80	3.16	1.82	2.12	4.06	5.36	5.27	11.4	1916
1917	4.87	8.02	28.1	17.7	7.73	5.66	12.2	2.91	2.74	---	---	---	---	1917
MEAN	8.80	8.84	23.8	25.7	8.84	6.17	8.58	4.11	3.78	5.30	6.47	5.83	8.89	MEAN

LOCATION - LAT 44 11 48 N
LONG 79 48 08 W
DRAINAGE AREA, 1 080 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	68.8 ON MAR 29	1.84 ON JUL 1	270 000	1915
1916	---	148 ON MAR 30 *	1.38 ON AUG 14 *	381 000	1916
1917	---	114 ON MAR 28	---	---	1917
				315 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	0.008	---	1961
1962	---	---	---	0.020	0.082	0.012	0.008	0	0.001	0.003	0.073	0.014	---	1962
1963	---	---	---	0.195	0.150	0.023	0	0	0	0	0	0	---	1963
1964	---	---	---	0.155	0.039	---	0	0.005	0.001	0	0	---	---	1964
1965	---	---	---	0.095	0.030	0.007	0.001	0	0	0.004	---	---	---	1965
1967	---	---	---	---	---	0.005	---	---	0	---	---	---	---	1967
1968	---	---	---	---	---	---	0.040	---	---	0	0.027	0.178	---	1968
1969	---	---	---	0.368	---	---	---	0.083	0.001	0.006	0.152	0.048	---	1969
1971	---	---	0.136	0.042	0.001	0.003	0	0	0	0	0	0.027	---	1971
1972	---	---	---	---	0.037	0.008	0.018	0.012	0	0	0.153	---	---	1972
1973	---	---	0.448	0.084	0.049	0.048	0.008	0.004	0	0.005	0.048	0.114	---	1973
1974	0.076	0.164	0.488	0.124	0.128	0.007	0.015	0	0	0	0.008	0.234	0.103	1974
1975	0.235	0.245	0.172	0.035	0.017	0.033	0.002	0.004	0.015	0.011	0.005	0.083	0.071	1975
1976	0.048	0.053	0.308	0.074	0.088	0.016	0.058	0.001	0	0	0	0	0.083	1976
1977	0	0.008	0.453	0.484	0.033	0.002	---	---	---	---	---	---	---	1977
MEAN	0.080	0.340	0.332	0.182	0.088	0.015	0.013	0.008	0.002	0.002	0.042	0.074	0.080	MEAN

LOCATION - LAT 43 12 35 N DRAINAGE AREA, 11.4 km²
LONG 83 10 50 W NATURAL FLOW

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	4.15 AT 15:15 EST ON MAR 11	2.14 ON MAR 11	0 ON JAN 16 *	---	1973
1974	---	2.97E ON MAR 5	0E ON JAN 15	3 250	1974
1975	3.30 AT 06:04 EST ON FEB 24	2.32 ON FEB 24	0 ON JUL 7	2 230	1975
1976	11.6 AT 08:46 EST ON FEB 23 *	3.17 ON FEB 23 *	0 ON JUL 28	3 980	1976
1977	---	---	0 ON JAN 1	---	1977
				2 810	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	0.047	0.018	0.008	0.001	0	0	0	---	---	---	---	1966
1967	0.027	0.008	0.054	0.067	0.005	0.018	0.010	0	0	0.008	0.024	0.034	0.022	1967
1968	0.004	0.048	0.058	0.012	0.009	0.001	0.009	0.018	0.033	0.011	0.037	0.017	0.021	1968
1969	0.033	0.011	0.059	0.068	0.022	0.001	0	0	0	0	0.003	0.003	0.017	1969
1970	0.001	0.004	0.036	0.038	0.009	0	0.001	0	0.006	0.014	0.028	0.031	0.014	1970
1971	0.010	0.018	0.063	0.068	0.003	0	0	0	0	0	0	0.001	0.015	1971
1972	0.005	0.003	0.038	0.108	0.005	0.001	0.001	0	0	0.009	0.030	0.026	0.018	1972
1973	0.031	0.019	0.141	0.024	0.018	0.003	0	0.001	0	0	0.010	0.010	0.022	1973
1974	0.049	0.009	0.084	0.051	0.065	0.002	0	0	0	0.001	0.013	0.004	0.021	1974
1975	0.015	0.037	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	0.288	0.054	0.018	0.007	0.009	0.013	0.038	0.011	0.008	0.002	---	1976
1977	0.002	0.006	0.084	0.039	0.006	0.007	0.021	0.031	0.048	0.052	0.031	0.048	0.032	1977
1978	0.014	0.007	0.077	0.110	0.043	0.007	0.006	0.007	0.011	0.008	0.015	0.012	0.027	1978
1979	0.021	0.007	0.109	0.042	0.028	0.014	0.010	0.030	0.023	0.011	0.050	0.089	0.037	1979
1980	0.021	0.004	0.045	0.038	0.021	0.017	0.018	0.005	0.015	0.013	0.008	0.018	0.018	1980
1981	0.003	0.053	0.014	0.018	0.009	0.010	0.011	0.017	0.035	0.040	0.018	0.009	0.020	1981
1982	0.015	0.003	0.135	0.051	0.020	0.020	0.015	0.040	0.042	0.014	0.084	0.107	0.048	1982
1983	0.022	0.038	0.034	0.052	0.059	0.014	0.008	0.018	0.020	0.018	0.018	0.028	0.027	1983
1984	0.003	0.112	0.070	0.028	0.021	0.028	0.009	0.021	0.029	0.009	0.029	0.036	0.032	1984
MEAN	0.018	0.023	0.078	0.053	0.021	0.008	0.007	0.011	0.018	0.013	0.022	0.027	0.024	MEAN

LOCATION - LAT 43 31 53 N DRAINAGE AREA, 2.51 km²
LONG 80 18 18 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1984

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	0.800 ON APR 3	0 ON MAY 25 *	705	1967
1968	1.08 AT 12:30 EST ON FEB 2	0.648 ON FEB 2	0 ON JAN 12	856	1968
1969	0.883 AT 17:07 EST ON JAN 30	0.484 ON JAN 30	0 ON JUN 11	524	1969
1970	0.328 AT 01:08 EST ON DEC 4	0.188 ON DEC 4	0 ON JUN 8	451	1970
1971	1.01 AT 01:20 EST ON APR 2	0.568 ON APR 2	0 ON MAY 15	473	1971
1972	0.943 AT 08:40 EST ON APR 13	0.600 ON APR 13	0 ON JAN 17	582	1972
1973	1.18 AT 07:00 EST ON MAR 11	0.595 ON MAR 11	0 A ON JUN 19	679	1973
1974	2.07 AT 20:18 EST ON MAY 16	1.00 ON MAY 17	0 ON FEB 15	682	1974
1975	---	---	---	---	1975
1976	---	1.67 ON MAR 19 *	0.001 ON DEC 8	---	1976
1977	4.38 AT 18:20 EST ON AUG 18 *	0.481 ON MAR 8	0.001E ON JAN 10	1 000	1977
1978	2.81 AT 13:38 EST ON MAY 13	0.583 ON APR 1	0.003 ON JUL 15	837	1978
1979	2.43 AT 21:56 EST ON AUG 23	0.881 ON MAR 4	0.003 ON FEB 14	1 180	1979
1980	1.81 AT 15:26 EST ON MAY 19	0.430 ON MAR 21	0.002 ON FEB 3	588	1980
1981	3.37 AT 04:46 EST ON SEP 4	0.815 ON SEP 4	0.002 ON JAN 12	841	1981
1982	4.24 AT 20:31 EST ON DEC 5	1.01 ON MAR 31	0.001 ON FEB 1	1 420	1982
1983	1.38 AT 16:07 EST ON MAY 2	0.505 ON MAY 2	0.003 ON JUN 21	881	1983
1984	3.45 AT 03:25 EST ON FEB 14	1.25 ON FEB 14	0.003 ON JAN 1	1 020	1984
				786	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	0.004	---	1984
1985	0.003	---	---	---	---	0.003	0.003	0.002	0.002	0.003	0.004	0.004	---	1985
1986	---	---	0.011	0.007	---	0.006	0.004	0.004	0.004	0.005	0.006	0.005	---	1986
1987	0.008	0.008	0.008	0.008	0.007	0.008	0.010	0.010	---	---	---	---	---	1987
1988	0.008	---	---	---	---	---	0.008	---	---	0.007	---	---	---	1988
1989	---	---	---	0.017	---	---	---	---	---	---	---	---	---	1989
1970	0.008	---	---	---	---	---	---	---	---	0.007	---	---	---	1970
1971	---	0.007	0.007	---	0.008	0.008	0.008	0.006	0.006	0.007	---	---	---	1971
MEAN	0.007	0.007	0.008	0.011	0.008	0.007	0.008	0.006	0.004	0.008	0.005	0.004	---	MEAN

LOCATION - LAT 44 22 42 N, LONG 80 05 51 W NATURAL FLOW

O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	---	---	1985
1986	---	0.040 ON MAR 14	0.003A ON JAN 7 *	---	1986
1987	---	0.051 ON AUG 28 *	---	---	1987
1988	---	---	---	---	1988
1989	---	---	---	---	1989
1970	---	---	---	---	1970
1971	---	---	---	---	1971
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	0	0	0	0	0	0	0	0	---	---	1966
1967	---	---	0	0	0	0	0	0	0	0.001	0.001	0	---	1967
1968	---	---	---	0.001	0	0	0	0	0	0	0.001	0.001	---	1968
1969	---	0	0.001	0.002	0.001	0.001	0	0.001	0.001	0.001	---	---	---	1969
1970	---	---	---	---	0.001	0.001	0.001	0.001	0.001	0.001	---	---	---	1970
1971	---	---	---	0.003	0.001	0	0	0	0	0.001	0.001	---	---	1971
MEAN	---	0	0.001	0.001	0.001	0	0	0	0	0.001	0.001	0.001	---	MEAN

LOCATION - LAT 44 22 38 N, LONG 80 05 47 W NATURAL FLOW

O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	0.002 ON MAR 26	0A ON JAN 3 *	---	1967
1968	---	0.017 ON MAR 18 *	0A ON JAN 2	---	1968
1969	---	0.005 ON APR 5	0 ON JAN 14	---	1969
1970	---	---	---	---	1970
1971	---	0.009 ON APR 12	0 ON FEB 18	---	1971
				---	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	1.98	3.03	3.88	2.01	---	---	0.334	0.274	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	0.232	0.203	0.215	---	1958
1959	0.212	0.207	2.34	3.56	0.727	0.297	0.237	0.200	0.088	0.200	0.469	0.800	0.780	1959
1960	0.759	0.842	1.23	5.81	3.70	1.13	0.545	0.297	0.188	0.201	0.285	0.187	1.26	1960
1961	0.128	0.882	1.57	2.27	1.84	0.883	0.481	0.751	0.483	0.281	0.424	0.483	0.880	1961
1962	0.291	0.300	1.58	1.37	0.543	0.412	0.323	0.277	0.385	0.602	1.52	1.20	0.735	1962
1963	0.559	0.388	2.59	1.57	1.48	0.574	0.167	0.147	0.091	0.108	0.180	0.180	0.671	1963
1964	0.384	0.310	1.37	1.89	1.14	0.386	0.458	0.451	0.505	0.331	0.329	0.848	0.683	1964
1965	1.08	3.10	1.76	4.38	1.24	0.437	0.550	0.380	0.388	0.741	1.21	1.84	1.38	1965
1966	1.57	1.84	2.35	1.43	1.15	0.652	0.240	0.238	0.199	0.308	0.435	1.85	0.887	1966
1967	1.11	0.939	1.85	4.40	1.20	1.19	1.31	0.395	0.622	0.595	0.817	1.43	1.32	1967
1968	0.877	2.35	3.08	1.73	1.20	0.791	0.425	0.872	0.858	0.724	1.54	1.91	1.34	1968
1969	1.80	1.51	2.70	3.66	1.85	0.826	0.433	0.386	0.306	0.512	1.01	0.885	1.28	1969
1970	0.858	0.622	1.12	2.46	1.37	0.505	0.434	0.388	---	---	1.37	1.52	---	1970
1971	0.827	1.31	2.47	3.36	0.896	0.671	0.432	0.881	0.870	0.288	0.127	0.983	1.06	1971
1972	0.851	0.700	1.77	4.88	1.52	0.980	1.13	0.670	0.485	0.976	1.45	1.44	1.40	1972
1973	1.82	1.65	5.24	2.36	1.83	0.711	0.394	0.384	0.348	0.467	1.80	1.57	1.53	1973
1974	2.33	1.75	3.22	2.70	4.41	1.52	0.681	0.422	0.740	0.486	0.800	0.486	1.81	1974
1975	0.780	1.48	2.71	2.53	1.52	0.805	0.413	0.472	1.07	0.485	0.777	1.22	1.18	1975
1976	0.849	3.56	5.31	2.84	2.60	0.884	0.818	0.583	1.19	0.436	0.831	0.386	1.68	1976
1977	0.313	0.483	4.12	2.82	1.02	0.591	0.580	0.880	1.61	2.08	1.48	1.89	1.48	1977
1978	1.16	1.47	2.91	4.04	1.91	0.756	0.267	0.148	0.436	0.822	0.670	0.702	1.26	1978
1979	0.805	0.883	3.88	4.08	2.21	0.823	0.498	0.438	0.398	0.825	0.864	2.10	1.48	1979
1980	1.75	0.480	1.78	3.16	1.72	0.624	0.422	0.383	0.487	0.469	0.488	0.620	1.03	1980
1981	0.218	2.11	1.01	0.783	0.621	0.336	0.326	0.414	1.43	1.42	1.58	0.922	0.919	1981
1982	0.727	0.447	2.85	4.83	0.980	1.46	0.596	0.653	0.761	0.881	1.82	2.88	1.56	1982
1983	1.88	2.03	2.18	2.67	2.51	1.01	0.422	0.444	0.385	0.418	0.835	1.40	1.31	1983
1984	0.690	3.22	2.85	3.24	1.84	0.894	0.503	0.378	0.386	0.327	0.508	0.883	1.26	1984
1985	0.741	2.13	5.16	3.87	0.787	0.685	0.722	0.708	0.701	1.08	4.45	2.02	1.82	1985
1986	1.34	0.833	3.23	1.82	1.11	0.816	1.35	0.645	3.26	4.15	1.85	2.26	1.86	1986
1987	1.44	1.03	2.58	3.53	0.125	0.476	0.826	0.458	0.803	0.648	1.10	1.87	1.27	1987
1988	1.05	1.03	2.38	1.84	0.937	0.288	0.247	0.284	0.386	0.312	0.820	0.642	0.837	1988
MEAN	0.945	1.34	2.84	3.01	1.58	0.763	0.640	0.443	0.658	0.697	0.897	1.18	1.24	MEAN

LOCATION - LAT 43 30 19 N DRAINAGE AREA, 95.6 km^2
LONG 79 51 48 W REGULATED

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	12.6 AT 08:00 EST ON APR 3	10.3 ON APR 3	0.014 ON AUG 28 *	24 800	1958
1960	25.0 AT 17:30 EST ON APR 3	15.1 ON APR 4	0.082 ON SEP 15	38 800	1960
1961	11.7 AT 02:00 EST ON FEB 28	4.81 ON FEB 28	0.052 ON FEB 8	27 100	1961
1962	18.3 AT 09:45 EST ON NOV 10	7.82 ON NOV 10	0.085 ON SEP 15	23 200	1962
1963	10.4 AT 16:00 EST ON MAR 21	8.17 ON MAR 27	0.023 ON SEP 18	21 200	1963
1964	9.15 AT 17:45 EST ON MAR 14	5.32 ON APR 30	0.127 ON JAN 1	21 800	1964
1965	18.2 AT 14:30 EST ON FEB 10	11.8 ON APR 12	0.201 ON OCT 6	43 800	1965
1966	9.83 AT 13:00 EST ON DEC 10	8.40 ON DEC 10	0.130 ON OCT 30	31 100	1966
1967	21.4 AT 02:30 EST ON APR 3	15.6 ON APR 3	0.153 ON DEC 5	41 800	1967
1968	21.4 AT 13:00 EST ON FEB 2	13.6 ON FEB 2	0.320 ON AUG 18	43 500	1968
1969	16.4 AT 13:30 EST ON APR 16	9.00 ON APR 16	0.229 ON OCT 12	38 700	1969
1970	7.87 AT 15:56 EST ON APR 2	4.13 ON APR 2	---	---	1970
1971	15.7 AT 20:30 EST ON MAR 15	7.38 ON MAR 15	0.102 ON NOV 7	33 500	1971
1972	18.1 AT 11:06 EST ON APR 13	12.8 ON APR 15	0.215 ON MAY 28	44 200	1972
1973	24.2 AT 13:32 EST ON MAR 14	13.0 ON MAR 14	0.201 ON OCT 25	48 300	1973
1974	44.5 AT 22:48 EST ON MAY 16 *	20.5 ON MAY 17	0.311 ON OCT 3	60 900	1974
1975	20.8 AT 20:43 EST ON FEB 24	10.3 ON FEB 24	0.235 ON OCT 16	37 400	1975
1976	20.6 AT 17:32 EST ON MAR 19	8.66 ON MAY 7	0.210 ON OCT 15	53 500	1976
1977	24.2 AT 03:32 EST ON MAR 13	15.0 ON MAR 13	0.2528 ON FEB 9	46 800	1977
1978	---	11.0 E ON MAR 22	0.017 ON AUG 28	39 600	1978
1979	13.8 AT 03:05 EST ON APR 14	10.1 ON DEC 25	0.218 ON SEP 7	46 000	1979
1980	17.8 AT 18:56 EST ON APR 14	9.15 ON MAR 21	0.3008 ON DEC 27	32 600	1980
1981	10.8 AT 16:25 EST ON AUG 30	5.83 ON FEB 20	0.1808 ON JAN 5	29 000	1981
1982	17.9 AT 11:25 EST ON APR 3	13.6 ON APR 3	0.3208 ON FEB 12	49 100	1982
1983	13.1 AT 05:55 EST ON APR 10	8.98 ON APR 10	0.243 ON OCT 30	41 300	1983
1984	20.0 AT 07:30 EST ON APR 5	12.3 ON FEB 14	0.224 ON OCT 4	38 700	1984
1985	31.3 AT 15:53 EST ON FEB 24	20.7 ON FEB 24 *	0.243 ON AUG 8	60 600	1985
1986	27.8 AT 11:43 EST ON SEP 29	15.4 ON SEP 30	0.368 ON SEP 8	58 800	1986
1987	19.7 AT 15:44 EST ON JUL 8	11.1 ON APR 5	0.308 ON NOV 7	39 900	1987
1988	---	5.76 ON MAR 26	0.174 ON JUN 17	28 500	1988
				39 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	58.6	138	285	191	---	1971
1972	119	85.5	84.6	50.7	156	137	91.7	81.7	78.6	83.7	83.2	76.2	93.3	1972
1973	57.3	48.1	41.8	47.8	175	138	147	150	130	108	105	86.3	103	1973
1974	84.9	84.4	48.4	48.1	273	538	292	167	163	144	128	107	170	1974
1975	83.2	89.8	84.8	44.1	180	201	137	88.5	70.1	60.2	85.5	58.7	83.8	1975
1976	48.8	41.7	38.7	82.3	187	110	78.7	69.1	33.9	26.9	32.5	30.1	54.3	1976
1977	41.7	40.0	38.8	47.6	143	122	141	131	154	131	95.7	83.8	87.8	1977
1978	73.6	83.6	84.3	51.5	180	251	186	147	124	106	95.6	87.6	119	1978
1979	85.1	49.7	47.1	48.5	155	160	116	81.5	125	125	123	101	98.1	1979
1980	78.1	83.4	83.1	50.3	133	90.5	53.0	42.1	39.1	78.8	85.2	68.5	68.7	1980
1981	58.0	48.1	45.3	50.8	108	112	89.0	62.2	41.6	33.6	30.9	30.5	60.0	1981
1982	30.7	30.0	28.6	30.7	87.7	198	115	85.8	71.8	90.9	121	114	81.4	1982
1983	85.8	88.1	86.6	50.0	88.3	108	223	154	85.0	84.3	86.1	84.0	83.4	1983
1984	83.7	88.8	48.8	84.6	213	207	184	119	73.1	80.1	82.6	78.8	101	1984
1985	77.4	81.8	81.8	58.8	383	283	188	135	134	232	192	135	150	1985
1986	92.2	88.1	85.8	84.3	222	170	101	67.7	85.5	72.7	74.8	67.1	82.8	1986
1987	88.2	47.8	43.3	48.8	87.8	88.3	81.0	80.2	81.0	44.8	45.2	45.5	83.2	1987
1988	43.4	41.8	38.8	40.8	83.5	144	138	112	232	318	202	142	128	1988
MEAN	88.5	88.2	47.8	80.7	185	178	137	103	85.8	107	108	85.5	88.8	MEAN

LOCATION - LAT 80 82 00 N
LONG 88 88 80 W
DRAINAGE AREA, 11 200 km^2
NATURAL FLOW

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	200 AT 15:36 EST ON MAY 22	198 ON MAY 21	46.4 ON APR 23	2 950 000	1972
1973	208 AT 18:51 EST ON MAY 18	206 ON MAY 18	37.1 ON APR 13	3 260 000	1973
1974	614 AT 22:28 EST ON MAY 31 *	612 ON MAY 31 *	44.7E ON APR 16	5 350 000	1974
1975	238 AT 19:55 EST ON MAY 24	236 ON MAY 22	41.3 ON APR 15	2 980 000	1975
1976	182 AT 22:42 EST ON MAY 14	181 ON MAY 14	19.0E ON DEC 31 *	1 840 000	1976
1977	176 AT 09:40 EST ON SEP 21	175 ON SEP 21	38.1E ON MAR 1	3 090 000	1977
1978	317 AT 23:23 EST ON JUN 16	314 ON JUN 15	46.7E ON APR 14	3 770 000	1978
1979	209 AT 18:31 EST ON MAY 25	206 ON MAY 25	46.1 ON APR 11	3 130 000	1979
1980	156 AT 16:12 EST ON MAY 20	153 ON MAY 17	37.4 ON SEP 19	2 210 000	1980
1981	---	123 E ON JUL 6	30.2 ON NOV 26	1 890 000	1981
1982	197 AT 11:57 EST ON MAY 26	176 ON JUN 3	29.4 ON MAR 6	2 570 000	1982
1983	274 AT 17:16 EST ON JUL 16	265 ON JUL 17	46.2 ON APR 23	2 880 000	1983
1984	233 AT 10:40 EST ON MAY 11	233 ON MAY 13	45.5 ON APR 11	3 210 000	1984
1985	454 AT 18:41 EST ON MAY 23	451 ON MAY 23	44.8 ON APR 18	5 040 000	1985
1986	270 AT 11:35 EST ON MAY 20	269 ON MAY 20	51.7 ON MAR 29	2 930 000	1986
1987	75.4 AT 16:13 EST ON MAY 6	71.7 ON MAY 6	41.0 ON APR 5	1 580 000	1987
1988	---	371 ON OCT 6	39.2 ON MAR 22	4 080 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 110 000	MEAN

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	35.5	122	154	184	123	195	529	312	205	---	1941
1942	135	81.1	62.6	72.3	171	137	62.7	37.1	151	142	104	88.7	102	1942
1943	35.5	32.0	29.3	38.3	133	188	242	81.2	22.1	0	0	0	87.3	1943
1944	0	0	0	0	0	60.2	9.80	277	175	59.9	21.4	75.6	56.6	1944
1945	57.6	52.6	42.9	129	74.7	2.67	6.67	0	0	0	0	0	30.3	1945
1946	0	0	0	0	112	37.6	0	0	0	0	0	0	12.6	1946
1947	0	0	0	0	26.0	159	0	0	0	0	0	0	15.4	1947
1948	0	0	0	0	0	0	0	0	0	0	0	0	0	1948
1949	0	0	0	0	7.36	18.2	0	0	0	0	0	0	2.12	1949
1950	0	0	0	0	174	564	357	188	7.08	43.0	8.18	3.54	112	1950
1951	2.47	2.30	2.71	28.1	248	208	107	10.8	6.96	10.6	4.62	3.56	53.4	1951
1952	2.81	2.34	2.46	25.1	167	203	247	215	135	180	178	27.1	116	1952
1953	0	0	0	0	0	0	88.7	183	152	122	0	0	45.9	1953
1954	0	0	0	0	208	738	317	42.2	0	0	0	0	109	1954
1955	0	0	0	0	0	0	0	0	0	0	0	0	0	1955
1956	0	0	0	0	0.811	36.0	0	0	0	0	0	0	3.03	1956
1957	0	0	0	0	0	0	144	8.14	0	0	0	0	13.0	1957
1958	0	0	0	0	0	0	0	0	0	0	0	0	0	1958
1959	0	0	0	0	0	6.78	0.265	0	0	0	0	0	0.880	1959
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	1960
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	1961
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	1962
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	1963
1964	0	0	0	0	0	8.42	132	0	0	0	0	0	11.7	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	0	46.2	172	44.2	0	0	0	0	22.2	1966
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	1967
1968	0	0	0	0	0	2.52	141	289	232	220	2.82	0	74.5	1968
1969	0	0	0	0	0	27.7	221	320	38.0	0	0	0	51.4	1969
1970	0	0	0	0	0	0	0	0	0	0	189	141	28.3	1970
1971	2.80	0	0	0	28.1	56.0	8.86	0	0	0	0	0	7.96	1971
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	39.9	802	337	131	2.13	0	0	0	92.8	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
1985	0	0	0	0	5.86	20.4	0	17.5	137	244	221	126	84.8	1985
1986	50.0	25.1	12.6	13.3	50.2	0	4.21	0	0	0	0	0	13.0	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	0	185	25.2	0	18.1	1988
MEAN	8.10	4.18	3.25	7.18	32.7	88.3	57.5	41.0	28.1	35.7	22.4	13.6	23.9	MEAN

LOCATION - LAT 50 45 20 N, LONG 87 58 40 W

DRAINAGE AREA, 13 600 km^2

REGULATED SINCE 1943

DATA CONTRIBUTED BY - ONTARIO HYDRO

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	595 ON OCT 11	---	---	1941
1942	---	190 ON MAY 22	0 ON JUL 24 *	3 220 000	1942
1943	---	284 ON JUL 13	0 ON MAY 30	2 120 000	1943
1944	---	398 ON AUG 10	0 ON JAN 1	1 800 000	1944
1945	---	233 ON APR 30	0 ON MAY 17	958 000	1945
1946	---	336 ON MAY 18	0 ON JAN 1	398 000	1946
1947	---	343 ON JUN 23	0 ON JAN 1	487 000	1947
1948	---	0 ON JAN 1	0 ON JAN 1	0	1948
1949	---	183 ON JUN 6	0 ON JAN 1	86 800	1949
1950	---	1 320 ON MAY 31 *	0 ON JAN 1	3 540 000	1950
1951	---	405 ON MAY 10	2.15 ON FEB 6	1 890 000	1951
1952	---	1 120 ON JUN 2	0 ON DEC 11	3 680 000	1952
1953	---	334 ON JUL 29	0 ON JAN 1	1 450 000	1953
1954	---	1 070 ON JUN 1	0 ON JAN 1	3 440 000	1954
1955	---	0 ON JAN 1	0 ON JAN 1	0	1955
1956	---	130 ON JUN 6	0 ON JAN 1	95 800	1956
1957	---	271 ON JUL 14	0 ON JAN 1	409 000	1957
1958	---	0 ON JAN 1	0 ON JAN 1	0	1958
1959	---	83.8 ON JUN 25	0 ON JAN 1	18 300	1959
1960	---	0 ON JAN 1	0 ON JAN 1	0	1960
1961	---	0 ON JAN 1	0 ON JAN 1	0	1961
1962	---	0 ON JAN 1	0 ON JAN 1	0	1962
1963	---	0 ON JAN 1	0 ON JAN 1	0	1963
1964	---	308 ON JUL 5	0 ON JAN 1	372 000	1964
1965	---	0 ON JAN 1	0 ON JAN 1	0	1965
1966	---	251 ON JUL 22	0 ON JAN 1	899 000	1966
1967	---	0 ON JAN 1	0 ON JAN 1	0	1967
1968	---	348 ON AUG 8	0 ON JAN 1	2 380 000	1968
1969	---	337 ON AUG 30	0 ON JAN 1	1 520 000	1969
1970	---	258 E ON NOV 24	0 ON JAN 1	893 000	1970
1971	---	71.1 ON JUN 6	0 ON JAN 19	251 000	1971
1972	---	0 ON JAN 1	0 ON JAN 1	0	1972
1973	---	0 ON JAN 1	0 ON JAN 1	0	1973
1974	---	665 ON JUN 11	0 ON JAN 1	2 930 000	1974
1975	---	0 ON JAN 1	0 ON JAN 1	0	1975
1976	---	0 ON JAN 1	0 ON JAN 1	0	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	0 ON JAN 1	0 ON JAN 1	0	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
1980	---	0 ON JAN 1	0 ON JAN 1	0	1980
1981	---	0 ON JAN 1	0 ON JAN 1	0	1981
1982	---	0 ON JAN 1	0 ON JAN 1	0	1982
1983	---	0 ON JAN 1	0 ON JAN 1	0	1983
1984	---	0 ON JAN 1	0 ON JAN 1	0	1984
1985	---	295 ON OCT 18	0 ON JAN 1	2 040 000	1985
1986	---	135 ON MAY 20	0 ON MAY 29	408 000	1986
1987	---	0 ON JAN 1	0 ON JAN 1	0	1987
1988	---	278 ON OCT 13	0 ON JAN 1	508 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		754 000	MEAN

E - ESTIMATED

OSOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	0	0	0	0	0	0	20.5	80.2	90.8	115	114	98.3	41.8	1943
1944	86.3	75.0	58.0	52.8	74.3	150	147	13.1	0	61.9	34.3	33.6	68.8	1944
1945	50.8	34.0	35.3	35.7	71.2	140	188	134	88.7	75.2	75.9	73.1	83.9	1945
1946	88.2	81.0	82.3	78.7	211	277	227	108	88.5	101	180	184	132	1946
1947	107	81.8	85.2	51.8	174	179	215	89.7	85.6	82.7	73.4	72.4	108	1947
1948	78.2	81.8	82.8	86.2	201	218	217	190	109	86.7	82.4	105	123	1948
1949	80.9	82.1	84.0	85.1	258	238	123	112	73.4	73.3	82.8	89.7	114	1949
1950	87.1	78.9	70.1	88.4	200	0	0	20.9	180	89.5	125	128	83.9	1950
1951	80.6	71.1	60.3	47.0	76.5	38.8	84.3	105	85.9	182	171	220	101	1951
1952	133	97.3	77.8	34.9	0.433	0	0	0	0	0	0	72.8	36.8	1952
1953	147	80.1	83.7	84.8	89.2	201	200	4.58	4.59	85.2	192	121	103	1953
1954	180	122	90.9	82.0	135	0	4.34	138	134	142	148	184	113	1954
1955	112	85.2	72.6	91.3	220	259	239	127	84.7	78.8	88.3	103	131	1955
1956	84.7	85.7	72.4	89.8	118	351	278	163	106	87.3	89.4	104	138	1956
1957	86.8	89.1	81.8	88.8	198	235	20.3	152	90.9	83.8	121	85.0	107	1957
1958	88.8	85.9	86.9	74.8	183	240	172	130	113	171	208	185	138	1958
1959	120	91.2	72.1	74.2	112	292	328	229	186	151	125	112	157	1959
1960	87.0	73.4	82.3	85.0	116	208	179	111	74.2	88.4	84.3	89.2	97.4	1960
1961	87.0	88.3	87.8	84.8	193	309	185	114	85.8	70.8	78.2	82.8	114	1961
1962	72.1	80.1	86.8	86.8	94.4	212	214	187	174	129	93.3	76.4	119	1962
1963	70.1	82.2	87.1	84.1	90.1	157	189	252	228	133	88.0	70.8	120	1963
1964	88.3	83.0	87.8	82.4	229	284	129	284	250	285	218	148	171	1964
1965	110	88.8	78.4	73.2	117	178	180	148	115	137	178	188	131	1965
1966	135	110	92.7	92.7	167	426	93.4	226	133	87.0	87.8	87.3	140	1966
1967	88.8	85.0	87.8	84.0	93.8	289	224	134	91.2	85.0	89.7	82.3	101	1967
1968	80.9	87.8	80.4	89.0	205	387	195	37.8	80.9	43.8	312	200	138	1968
1969	133	111	90.3	86.1	211	377	89.8	0	312	216	161	131	180	1969
1970	101	81.8	89.1	82.8	120	234	184	210	212	281	20.1	129	144	1970
1971	183	111	83.8	87.1	204	282	198	134	89.3	114	243	247	182	1971
1972	185	118	87.8	77.1	138	181	131	104	104	108	118	103	119	1972
1973	84.8	87.1	81.8	83.1	147	194	190	193	178	141	132	116	131	1973
1974	81.8	74.7	84.4	82.8	108	0	0	82.4	203	211	204	148	104	1974
1975	110	88.8	78.4	88.2	142	240	218	144	104	88.2	87.0	78.8	120	1975
1976	82.8	84.7	81.0	88.1	153	182	124	86.7	88.5	47.8	38.1	31.1	77.8	1976
1977	28.8	28.8	34.2	48.0	118	183	162	158	186	187	122	118	108	1977
1978	84.4	78.7	84.8	81.0	118	278	280	189	178	141	107	80.0	137	1978
1979	80.8	80.2	47.8	83.0	118	184	138	131	138	143	134	124	110	1979
1980	98.7	77.8	82.7	83.8	121	123	80.0	84.0	43.8	80.8	72.1	74.8	78.7	1980
1981	87.8	81.8	88.8	84.0	83.4	124	113	83.2	88.3	41.8	28.4	24.2	84.8	1981
1982	21.8	18.9	23.3	29.8	74.4	182	148	107	84.8	102	123	128	88.4	1982
1983	108	84.1	88.8	80.0	87.9	111	188	211	138	88.4	82.0	78.7	108	1983
1984	73.3	88.2	87.0	84.8	173	232	204	147	104	78.1	73.4	82.1	113	1984
1985	87.7	73.8	80.8	80.0	229	328	210	98.2	30.7	20.8	20.1	44.4	104	1985
1986	84.8	88.8	81.1	83.2	182	258	84.8	181	85.4	87.8	82.4	87.8R	102 R	1986
1987	88.8	83.3	48.4	80.7	73.4	80.8	78.7	78.7	71.2	81.3	40.3	38.3	81.1	1987
1988	38.8	38.8	38.2	38.1	82.3	120	188	141	180	139	223	183	110	1988
MEAN	87.2	78.0	80.8	82.8	136	198	181	128	113	107	113	108 R	111 R	MEAN

LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

REGULATED SINCE 1943

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	144 ON OCT 24	0 ON JAN 1 *	1 310 000	1943
1944	---	183 ON JUN 8	0 ON MAY 18	2 070 000	1944
1945	---	230 ON JUL 13	31.4 ON FEB 11	2 650 000	1945
1946	---	308 ON JUN 2	8.12 ON AUG 3	4 170 000	1946
1947	---	320 ON JUN 26	37.8 ON APR 16	3 380 000	1947
1948	---	234 ON JUN 4	39.6 ON OCT 5	3 800 000	1948
1949	---	328 ON JUN 8	41.6 ON JUN 7	3 590 000	1949
1950	---	328 ON MAY 25	0 ON MAY 31	2 550 000	1950
1951	---	343 ON JUN 2	0 ON APR 21	3 200 000	1951
1952	---	170 ON DEC 31	0 ON JUN 1	1 080 000	1952
1953	---	331 ON JUL 19	4.39 ON AUG 14	3 240 000	1953
1954	---	274 ON MAY 25	0 ON JUN 1	3 570 000	1954
1955	---	334 ON JUN 17	10.3 ON JUN 15	4 140 000	1955
1956	---	368 ON JUN 13	85.4 ON APR 30	4 270 000	1956
1957	---	273 ON JUN 1	0 ON JUN 30	3 380 000	1957
1958	---	257 ON JUN 7	61.4 ON APR 10	4 380 000	1958
1959	---	371 ON JUN 29	86.8 ON MAR 28	4 840 000	1959
1960	---	230 ON JUN 16	34.0 ON JUN 9	3 080 000	1960
1961	---	340 ON JUN 4	54.7 ON NOV 6	3 800 000	1961
1962	---	238 ON JUN 24	36.0 ON DEC 12	3 750 000	1962
1963	---	282 ON AUG 28	34.8 ON NOV 24	3 790 000	1963
1964	---	408 ON JUL 31	0 ON JUN 28	5 410 000	1964
1965	---	189 ON JUL 4	69.1 ON APR 5	4 130 000	1965
1966	---	450 ON JUN 14 *	0 ON JUL 9	4 400 000	1966
1967	---	348 ON JUN 15	44.2 ON FEB 16	3 200 000	1967
1968	---	402 ON JUL 9	0 ON JUL 25	4 310 000	1968
1969	---	450 ON SEP 4	0 ON JUL 10	5 050 000	1969
1970	---	378 ON DEC 17	0 ON JUL 15	4 530 000	1970
1971	---	288 ON NOV 27	76.2 ON SEP 27	5 120 000	1971
1972	---	202 E ON JAN 1	75.0 ON APR 19	3 760 000	1972
1973	---	208 ON JUN 4	55.2 ON APR 13	4 130 000	1973
1974	---	303 ON OCT 24	0 ON MAY 27	3 260 000	1974
1975	---	262 ON JUN 23	63.1 ON APR 9	3 760 000	1975
1976	---	183 ON MAY 24	27.8 ON NOV 7	2 460 000	1976
1977	---	181 ON OCT 5	28.3 ON FEB 9	3 410 000	1977
1978	---	314 ON JUN 25	57.8 ON APR 24	4 320 000	1978
1979	---	202 ON JUL 26	0 ON JUL 20	3 480 000	1979
1980	---	142 ON MAY 29	37.1 ON OCT 29	2 430 000	1980
1981	---	129 ON JUN 16	0 ON AUG 25	2 030 000	1981
1982	---	175 ON JUN 21	19.7 ON FEB 11	2 720 000	1982
1983	---	241 ON JUL 30	82.9 ON APR 17	3 450 000	1983
1984	---	238 ON JUN 19	48.0 ON NOV 6	3 580 000	1984
1985	---	382 ON MAY 30	18.7 ON DEC 11	3 280 000	1985
1986	---	386 ON MAY 23	0 ON JUL 1	3 220 000R	1986
1987	---	83.7 ON JUN 14	31.6 ON NOV 7	1 830 000	1987
1988	---	283 ON NOV 4	34.3 ON FEB 20	3 480 000	1988
				3 500 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	2.22	2.08	5.22	41.6	29.6	10.3	2.77	1.65	2.58	3.45	2.98	2.76	8.90	1976
1977	2.30	2.35	9.70	37.1	11.1	3.63	2.30	1.90	5.83	15.7	27.8	12.9	11.0	1977
1978	5.42	4.10	4.10	14.0	40.9	8.02	3.85	4.07	9.40	22.6	7.78	5.06	10.9	1978
1979	3.94	3.02	10.2	54.4	68.8	19.1	12.9	5.80	5.44	12.5	21.8	15.2	19.6	1979
1980	8.19	4.14	4.31	37.9	31.6	8.36	3.82	3.01	4.17	9.37	7.18	4.03	10.5	1980
1981	2.89	4.08	6.09	44.5	10.9	8.46	6.88	2.12	2.91	6.97	7.47	5.24	8.02	1981
1982	4.06	3.16	4.38	25.5	27.9	5.44	3.05	1.64	7.01	17.9	16.9	16.1	11.1	1982
1983	8.99	5.22	7.71	29.2	38.1	28.7	3.83	1.92	1.98	10.3	9.59	8.22	13.0	1983
1984	5.47	5.30	5.03	27.8	13.9	15.8	11.0	4.69	4.91	8.86	17.4	12.6	11.0	1984
1985	7.21	4.69	6.01	43.8	28.5	7.75	5.33	3.92	2.09	4.39	9.83	8.27	11.1	1985
1986	5.86	3.28	4.80	28.8	15.0	8.34	8.43	11.2	6.62	9.85	7.85	6.18	9.78	1986
1987	4.48	3.87	5.29	16.7	8.53	7.46	3.29	1.35	0.830	2.16	3.78	6.18	5.30	1987
1988	4.31	3.43	3.78	54.4	29.5	8.34	2.98	4.79	4.45	16.7	31.3	12.8	14.7	1988
MEAN	5.10	3.71	5.89	35.1	27.5	10.7	5.45	3.70	4.49	10.8	13.2	8.89	11.2	MEAN

LOCATION - LAT 46 36 00 N DRAINAGE AREA, 1 570 km^2
LONG 81 22 51 W REGULATED

REMARKS - INCLUDES ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM.

DNAPING RIVER NEAR LEVACK - STATION NO. 02CF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	84.1 AT 11:26 EST ON APR 19	83.0 ON APR 19	1.04 ON SEP 8	281 000	1976
1977	57.5 AT 13:20 EST ON APR 22	56.8 ON APR 21	1.28 ON AUG 15	348 000	1977
1978	89.8 AT 02:40 EST ON MAY 15	83.8 ON MAY 15	2.07 ON AUG 22	343 000	1978
1979	141 AT 15:55 EST ON APR 27	137 ON APR 27	2.81 B ON FEB 21	817 000	1979
1980	85.4 AT 04:09 EST ON MAY 9	83.8 ON MAY 8	2.26 ON SEP 8	332 000	1980
1981	96.8 AT 05:35 EST ON APR 5	92.3 ON APR 5	1.61 ON AUG 29	284 000	1981
1982	78.4 AT 08:25 EST ON APR 26	73.6 ON APR 26	1.08 ON AUG 21	361 000	1982
1983	86.6 AT 08:02 EST ON APR 15	81.8 ON APR 15	1.08 ON SEP 15	410 000	1983
1984	80.8 AT 11:59 EST ON APR 17	80.6 ON APR 17	3.38 ON SEP 6	349 000	1984
1985	147 AT 00:38 EST ON APR 26 *	140 ON APR 25 *	1.59 ON SEP 19	349 000	1985
1986	71.7 AT 06:59 EST ON JUL 29	62.6 ON JUL 29	2.35 B ON MAR 9	309 000	1986
1987	21.8 AT 03:00 EST ON APR 18	21.6 ON APR 18	0.805 ON SEP 6 *	187 000	1987
1988	---	62.3 ON APR 8	2.15 ON AUG 1	464 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		354 000	MEAN

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	16.3	21.7	21.4	---	---	---	---	1969
1970	---	---	---	---	---	17.8	22.0	12.8	19.3	---	---	---	---	1970
1971	---	---	---	---	---	---	---	12.2	8.68	15.7	16.7	---	---	1971
1972	---	---	---	---	---	9.42	7.86	7.44	8.80	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	13.5	10.8	11.1	9.55	---	1973
1977	3.17	2.74	2.58	5.52	14.1	9.80	14.8	10.9	15.1	---	---	---	---	1977
MEAN	3.17	2.74	2.58	5.52	14.1	12.3	15.1	13.0	13.8	13.3	13.9	9.55	---	MEAN

LOCATION - LAT 51 09 40 N
LONG 87 50 40 W

DRAINAGE AREA, 1 170 km^2
NATURAL FLOW

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1977	---	18.0 ON SEP 18 *	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.30	0.586	0.482	0.466	0.577	0.814	0.881	0.820	---	1959
1960	0.809	1.40	2.37	5.18	4.22	1.14	0.840	0.840	0.567	0.645	0.788	0.841	1.58	1960
1961	0.580	2.47	1.54	1.30	1.17	1.08	0.875	0.811	0.514	0.465	0.627	0.743	1.00	1961
1962	0.678	0.380	2.39	0.867	0.670	0.488	0.448	0.346	0.474	0.463	0.654	0.557	0.687	1962
1963	0.520	0.485	2.16	0.893	0.842	0.486	0.536	0.473	0.531	0.400	0.853	0.467	0.707	1963
1964	0.834	0.583	1.42	0.897	0.584	0.487	0.959	0.983	0.433	C.489	0.523	0.765	0.748	1964
1965	0.803	2.38	2.37	4.10	1.85	0.858	0.613	0.477	0.455	0.868	1.58	1.43	1.45	1965
1966	0.890	1.01	2.80	1.14	0.795	0.622	0.362	0.434	0.422	0.429	0.913	1.12	0.884	1966
1967	0.822	0.491	2.06	2.18	1.04	0.861	1.08	0.838	0.585	0.897	1.42	1.47	1.17	1967
1968	1.00	1.86	3.36	1.22	1.17	0.808	0.501	0.621	0.728	0.578	0.925	0.838	1.14	1968
1969	1.85	0.882	2.01	2.33	1.48	0.988	0.648	0.898	0.680	0.584	0.845	0.784	1.11	1969
1970	0.538	0.463	2.02	2.04	0.922	0.581	0.847	0.574	0.589	0.887	0.837	0.844	0.904	1970
1971	0.802	1.19	1.82	3.50	0.818	1.74	1.22	0.788	0.882	0.814	0.882	1.02	1.23	1971
1972	1.05	0.800	1.82	6.71	1.54	0.873	0.788	0.662	0.780	1.03	1.34	1.84	1.81	1972
1973	2.03	1.63	4.21	2.28	1.42	0.892	0.654	0.653	0.587	0.723	0.978	0.718	1.40	1973
1974	1.94	0.932	2.36	2.12	1.87	0.885	1.24	0.653	0.637	0.871	0.805	0.731	1.19	1974
1975	0.940	2.80	2.35	2.02	0.870	0.782	0.832	0.578	0.718	0.618	0.734	0.778	1.15	1975
1976	0.880	1.88	3.57	1.60	1.89	1.01	0.957	0.775	0.885	0.889	0.834	0.541	1.24	1976
1977	0.433	0.558	2.88	1.33	0.836	0.607	0.625	0.772	0.871	1.06	1.57	2.39	1.17	1977
1978	1.38	0.887	2.30	4.01	1.57	0.748	0.677	0.654	0.885	0.956	0.873	0.858	1.26	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	1.18	0.588	4.78	2.20	0.782	0.710	0.781	0.549	0.809	0.776	0.808	1.12	1.25	1980
1981	0.702	3.47	1.02	0.913	0.940	0.882	0.852	0.709	1.10	1.14	1.15	0.801	1.09	1981
1982	0.848	0.541	3.80	2.50	0.681	1.12	0.598	0.598	0.638	0.890	1.12	1.18	1.18	1982
1983	1.08	1.43	1.35	1.78	1.49	0.708	0.540	0.513	0.815	0.776	0.881	1.03	1.03	1983
1984	0.381	3.22	2.44	2.20	1.24	0.895	0.834	0.881	0.850	0.682	0.993	0.877	1.24	1984
1985	0.569	2.76	3.08	2.13	0.884	0.734	0.888	0.854	0.831	0.718	1.55	0.923	1.28	1985
1986	0.926	0.802	3.02	1.38	0.888	0.800	0.716	1.79	2.57	1.61	1.18	1.76	1.45	1986
1987	0.871	0.647	2.88	1.89	0.797	0.622	0.891	0.528	0.701	0.768	1.02	1.37	1.09	1987
1988	1.18	1.05	2.46	1.50	0.840	0.643	0.817	0.514	0.585	0.737	1.06	0.789	1.01	1988
MEAN	0.903	1.34	2.51	2.22	1.19	0.811	0.720	0.678	0.704	0.783	0.868	1.00	1.15	MEAN

LOCATION - LAT 43 55 49 N DRAINAGE AREA, 95.8 km²
LONG 78 53 29 W NATURAL FLOW

REMARKS - RELOCATED 1964 AND 1978

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	34.3 ON MAY 9	0.4258 ON JAN 21	50 000	1960
1961	---	19.4 ON FEB 23	0.348 ON AUG 2	31 800	1961
1962	---	9.34 ON MAR 19	0.201 ON AUG 31 *	21 700	1962
1963	---	12.8 ON MAR 25	0.384 ON AUG 9	22 300	1963
1964	---	8.91 ON AUG 25	0.334 ON AUG 7	23 700	1964
1965	52.7 AT 19:30 EST ON APR 7	26.3 ON APR 7	0.357 ON JUL 31	45 800	1965
1966	64.6 AT 04:00 EST ON MAR 1	27.6 ON MAR 1	0.280 ON JUL 22	28 200	1966
1967	29.4 AT 20:00 EST ON APR 28	8.07 ON APR 3	0.3488 ON FEB 25	37 000	1967
1968	35.1 AT 17:30 EST ON FEB 2	21.5 ON FEB 2	0.436 ON JUL 20	36 100	1968
1969	35.1 AT 15:36 EST ON AUG 1	12.1 ON APR 18	0.411 ON SEP 29	35 100	1969
1970	10.8 AT 20:36 EST ON APR 2	4.81 ON MAR 23	0.4258 ON FEB 15	28 800	1970
1971	83.3 AT 05:36 EST ON JUN 28	28.9 ON JUN 28	0.445 ON DEC 30	36 700	1971
1972	37.8 AT 09:22 EST ON APR 13	29.2 ON APR 13	0.4788 ON DEC 4	60 900	1972
1973	32.8 AT 14:56 EST ON FEB 2	17.3 ON MAR 4	0.3408 ON DEC 18	44 100	1973
1974	79.3 AT 03:30 EST ON MAR 5	28.3 ON MAR 5	0.3348 ON NOV 28	37 500	1974
1975	82.7 AT 21:47 EST ON FEB 24	39.6 ON FEB 24	0.413 ON AUG 19	38 400	1975
1976	30.0 AT 18:26 EST ON MAR 20	18.1 ON MAR 21	0.3568 ON DEC 13	39 200	1976
1977	---	14.1 E ON MAR 13	0.3408 ON FEB 23	36 800	1977
1978	25.6 AT 04:54 EST ON APR 7	16.6 ON APR 7	0.3898 ON SEP 26	38 900	1978
1979	---	1.61A ON NOV 23	---	---	1979
1980	145 E AT 20:16 EST ON MAR 21 *	89.9 E ON MAR 21 *	0.453 ON JUL 19	38 400	1980
1981	---	15.5 B ON FEB 20	0.481 ON JUL 16	34 300	1981
1982	44.5 AT 17:36 EST ON MAR 31	20.0 ON MAR 31	0.340E ON JUL 10	37 100	1982
1983	13.0 AT 01:07 EST ON JAN 11	8.10 ON FEB 3	0.470 ON JUL 27	32 400	1983
1984	---	42.0 B ON FEB 14	0.220B ON JAN 23	38 200	1984
1985	---	26.0 B ON FEB 24	0.535 ON JUL 27	40 200	1985
1986	55.6 AT 03:00 EST ON AUG 27	17.4 ON AUG 27	0.556 ON JUL 11	48 000	1986
1987	18.1 AT 18:48 EST ON MAR 8	9.17 ON APR 6	0.519 ON AUG 24	34 300	1987
1988	---	9.81 ON MAR 24	0.405 ON AUG 21	32 100	1988
				38 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	74.0	50.3	43.7	40.5	31.2	37.7	45.9	85.9	84.8	---	1952
1953	92.4	53.2	56.3	110	113	48.3	46.5	48.3	51.4	---	---	---	---	---	1953
1955	---	---	---	---	---	127	31.7	29.7	29.8	40.4	73.3	117	187	---	1955
1956	148	97.3	112	81.4	78.3	74.1	28.6	22.3	24.7	27.2	45.7	204	76.3	1956
1957	118	124	81.3	118	81.4	116	178	87.1	47.5	144	238	148	120	1957
1958	141	138	104	98.6	35.2	31.3	20.2	25.7	24.4	32.9	37.6	91.0	84.6	1958
1959	71.2	98.3	44.5	175	187	88.8	80.0	28.1	21.0	35.0	87.6	83.9	78.5	1959
1970	83.5	85.2	81.0	129	71.6	35.8	58.3	34.5	39.0	87.4	72.3	98.0	85.3	1970
1971	87.4	82.7	78.5	186	119	35.0	37.9	25.7	28.8	35.7	32.3	88.3	88.8	1971
1972	93.0	86.0	86.0	158	192	95.8	78.0	52.4	37.7	87.7	138	127	98.2	1972
1973	148	141	182	244	114	46.8	30.2	30.0	22.7	46.7	76.7	111	88.4	1973
1974	113	128	80.8	245	241	55.7	34.8	27.1	28.7	74.8	114	118	105	1974
1975	113	75.6	137	181	105	28.6	17.3	15.9	28.4	18.7	33.8	82.4	87.2	1975
1976	86.5	92.4	160	288	126	34.8	44.2	33.8	42.1	39.3	80.9	85.4	87.6	1976
1977	86.5	81.2	86.6	106	30.5	16.0	16.6	16.5	27.6	87.8	91.5	142	80.2	1977
1978	128	82.1	87.2	181	155	29.1	21.6	24.9	42.4	84.6	80.5	78.7	78.5	1978
1979	91.2	89.1	189	218	114	51.0	30.2	32.7	32.5	83.7	93.0	182	84.8	1979
1980	128	44.8	76.8	267	59.5	40.5	52.8	59.5	44.7	80.2	105	109	87.1	1980
1981	83.4	123	133	123	82.9	53.2	29.5	33.2	87.8	81.4	108	70.2	81.4	1981
1982	84.3	77.2	76.5	226	72.9	92.3	34.8	33.0	42.1	92.8	145	228	97.5	1982
1983	182	82.1	46.0	133	232	53.4	20.4	27.1	24.9	30.9	88.4	84.5	80.5	1983
1985	144	127	203	230	82.9	37.8	26.2	24.9	131	107	198	148	121	1985
MEAN	107	94.0	100	169	113	61.0	42.0	32.5	40.4	58.0	84.8	113	85.9	MEAN

LOCATION - LAT 44 25 13 N LONG 78 16 15 W DRAINAGE AREA, 7 380 km² REGULATED

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1952	---	---	---		
1953	---	212 ON APR 5	20.9 ON JUN 26	---	1952
1955	---	---	---	---	1953
1956	---	---	---	---	1955
1957	---	317 ON DEC 13	11.2 ON OCT 8	2 410 000	1956
1958	---	340 ON JUL 6	24.2 ON SEP 17	3 770 000	1957
1959	---	198E ON JAN 1	9.49 ON JUN 23	3 050 000	1958
		314 ON MAY 23	15.7 ON AUG 23	2 410 000	1959
1970	---	---	---	---	
1971	380 AT 13:34 EST ON APR 24	300 ON APR 25	11.8 ON AUG 29	2 080 000	1970
1972	314 AT 09:30 EST ON APR 28	357 ON APR 25	16.6 ON AUG 18	2 170 000	1971
1973	386 AT 14:05 EST ON APR 9	306 ON APR 27	31.1 ON SEP 7	3 140 000	1972
1974	---	374 ON APR 9	13.3 E ON JUL 18	3 130 000	1973
		328 ON MAY 15	10.8 ON SEP 10	3 310 000	1974
1975	266 AT 13:00 EST ON APR 26	284 ON APR 28	9.20E ON AUG 23 *	2 120 000	1975
1976	447 AT 11:57 EST ON APR 7 *	445 ON APR 7 *	16.0 E ON JUN 14	2 770 000	1976
1977	183E AT 20:00 EST ON APR 10	182E ON APR 9	11.9 E ON MAY 17	1 900 000	1977
1978	323 AT 19:00 EST ON MAY 20	317 ON MAY 20	13.5 ON AUG 2	2 480 000	1978
1979	380 AT 02:38 EST ON APR 7	269 ON APR 7	14.3 ON AUG 14	2 980 000	1979
1980	340 AT 10:18 EST ON APR 18	338 ON APR 18	15.5 ON MAY 28	2 750 000	1980
1981	313 AT 13:46 EST ON MAR 3	275 ON FEB 27	23.6 R ON JUN 20	2 580 000	1981
1982	341 AT 14:09 EST ON APR 21	324 ON APR 22	22.9 ON AUG 19	3 080 000	1982
1983	314 AT 14:11 EST ON MAY 17	308 ON MAY 13	13.3 E ON JUL 13	2 640 000	1983
1985	303 AT 14:01 EST ON APR 23	275 ON NOV 24	15.2 ON JUL 14	3 820 000	1985
				2 710 000	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	
1967	27.5	19.7	17.5	28.3	172	258	93.4	73.8	29.3	21.4	28.5	24.2	---	1966
1968	20.8	17.9	16.7	40.9	243	323	250	197	160	184	188	70.1	65.9	1967
1969	38.8	27.2	21.5	71.9	207	303	268	178	248	307	135	78.8	142	1968
													158	1969
1970	47.3	31.5	23.9	23.9	178	188	198	178	208	185	187	80.8	128	1970
1971	49.8	33.2	25.2	83.2	307	121	92.3	185	61.5	93.1	177	88.5	108	1971
1972	52.4	34.1	25.4	32.8	281	131	134	118	113	198	105	58.0	107	1972
1973	35.7	26.7	23.0	48.3	187	93.1	134	122	117	108	85.0	49.7	84.4	1973
1974	33.0	24.9	20.2	22.5	283	517	148	148	237	129	82.7	82.2	143	1974
1975	39.3	26.7	18.3	23.6	241	188	94.9	174	100	53.4	58.5	38.8	88.8	1975
1976	27.7	21.7	18.2	73.5	187	78.8	38.0	20.1	16.8	25.9	21.7	16.8	42.8	1976
1977	11.8	9.83	8.85	43.2	139	107	155	117	142	89.4	57.0	36.8	77.8	1977
1978	28.5	21.8	17.1	17.3	216	238	130	144	140	81.9	87.2	38.6	85.2	1978
1979	23.5	18.8	17.4	41.2	269	138	127	147	253	193	229	92.0	128	1979
1980	47.1	32.3	25.2	42.6	131	83.8	40.0	20.7	78.7	118	87.3	32.7	58.3	1980
1981	19.5	15.2	14.1	20.4	130	118	88.8	24.7	16.8	22.8	37.2	25.4	42.7	1981
1982	18.4	16.0	15.8	18.8	318	232	101	78.4	73.8	111	81.6	41.3	92.5	1982
1983	22.9	17.0	14.7	18.3	81.6	88.3	173	83.0	28.5	30.8	38.2	32.0	46.5	1983
1984	28.8	20.2	14.8	88.4	181	182	72.1	39.0	27.8	44.3	87.8	80.1	81.2	1984
1985	31.5	23.6	19.7	70.4	439	231	198	131	148	214	108	49.9	139	1985
1986	27.3	19.1	17.1	88.8	220	80.4	78.4	44.0	28.4	78.7	95.2	29.5	83.8	1986
1987	17.5	13.5	14.5	75.5	133	121	83.8	77.7	88.8	49.4	37.2	27.5	58.0	1987
1988	17.6	13.4	10.7	17.3	84.4	85.2	79.8	44.5	58.4	89.9	81.6	44.5	49.1	1988
MEAN	30.2	22.0	18.1	43.8	205	174	124	104	107	108	85.3	48.2	89.9	MEAN

LOCATION - LAT 51 48 20 N LONG 89 38 00 W DRAINAGE AREA, 9 010 km² REGULATED

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	510E ON MAY 29	17.0 B ON MAR 7	2 080 000	1967
1968	---	405 ON JUN 17	15.0 B ON MAR 18	4 485 000	1968
1969	394 AT 14:00 EST ON JUN 8	381 ON JUN 11	18.1 B ON APR 7	4 970 000	1969
1970	326 AT 17:53 EST ON JUL 22	323 ON JUL 22	21.0 B ON APR 12	3 580 000	1970
1971	379 AT 13:15 EST ON MAY 12	374 ON MAY 12	23.7 B ON MAR 24	3 390 000	1971
1972	---	340E ON MAY 17	21.4 B ON APR 9	3 380 000	1972
1973	194 AT 23:38 EST ON MAY 12	182 ON MAY 11	21.4 B ON APR 13	2 550 000	1973
1974	612 AT 19:30 EST ON JUN 13 *	612 ON JUN 13 *	17.1 B ON APR 13	4 510 000	1974
1975	314 AT 12:33 EST ON MAY 12	305 ON MAY 12	15.0 B ON APR 15	2 740 000	1975
1976	189 AT 15:38 EST ON MAY 2	187 ON MAY 2	13.5 B ON DEC 31	1 350 000	1976
1977	244 AT 04:30 EST ON JUL 25	244 ON JUL 25	8.478 ON MAR 25 *	2 450 000	1977
1978	326 AT 17:35 EST ON MAY 17	320 ON MAY 17	14.3 B ON APR 14	3 000 000	1978
1979	338 AT 15:45 EST ON MAY 21	335 ON MAY 21	16.0 B ON MAR 17	4 060 000	1979
1980	185 AT 17:58 EST ON MAY 8	184 ON MAY 8	17.8 ON AUG 17	1 840 000	1980
1981	168 AT 17:42 EST ON MAY 17	167 ON MAY 17	13.5 B ON MAR 26	1 350 000	1981
1982	405 AT 18:07 EST ON MAY 21	402 ON MAY 21	15.1 B ON MAR 10	2 930 000	1982
1983	273 AT 13:39 EST ON JUL 11	255 ON JUL 11	14.0 B ON APR 9	1 470 000	1983
1984	183 AT 09:10 EST ON MAY 18	180 ON MAY 7	13.5 B ON MAR 25	1 930 000	1984
1985	---	580E ON MAY 8	18.5 B ON APR 5	4 400 000	1985
1986	---	271 ON MAY 8	16.5 B ON MAR 21	2 010 000	1986
1987	---	182E ON JUN 11	12.5 B ON MAR 12	1 850 000	1987
1988	---	108 ON SEP 30	9.958 ON MAR 28	1 550 000	1988
				2 840 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	1 790	1 080	714	744	817	800	---	1960
1961	754	662	706	1 150	1 420	1 030	880	778	772	885	782	848	901	1961
1962	828	888	848	1 570	1 920	903	580	474	494	537	582	534	850	1962
1963	534	591	647	1 510	1 180	877	808	481	608	575	650	811	784	1963
1964	698	871	1 000	1 480	1 470	1 130	808	582	494	574	908	894	881	1964
1965	773	781	827	1 200	2 150	988	834	771	1 220	2 020	1 480	1 350	1 190	1965
1966	1 330	1 140	1 420	2 020	1 780	1 470	774	655	727	889	1 230	2 680	1 350	1966
1967	1 450	1 410	957	2 590	2 640	2 000	1 260	729	675	1 110	1 680	1 370	1 600	1967
1968	1 240	1 090	1 180	2 120	1 000	808	881	748	768	720	737	748	1 020	1968
1969	826	898	958	1 780	2 380	1 480	943	858	880	746	1 500	1 240	1 190	1969
1970	995	897	848	1 410	2 270	1 780	1 650	1 150	774	847	924	958	1 220	1970
1971	811	883	1 000	1 880	2 310	1 030	824	589	481	482	588	787	852	1971
1972	1 040	1 050	1 170	1 880	3 130	1 530	1 280	1 170	1 130	1 080	1 480	1 280	1 420	1972
1973	1 170	1 240	1 880	2 750	2 500	1 780	1 280	837	734	974	1 070	1 190	1 480	1973
1974	1 080	1 080	1 430	2 230	3 720	2 430	1 340	758	882	837	1 320	1 310	1 520	1974
1975	1 210	1 180	1 260	1 570	1 990	1 410	708	488	475	538	703	1 070	1 080	1975
1976	1 010	972	1 380	3 180	2 510	1 270	931	707	605	726	781	953	1 280	1976
1977	923	851	1 480	2 310	1 580	728	737	518	528	752	1 000	1 380	1 070	1977
1978	1 230	1 250	1 080	1 880	2 180	1 110	888	529	485	908	925	938	1 080	1978
1979	1 080	1 080	1 480	2 750	3 700	1 870	1 010	878	813	1 300	1 870	1 810	1 810	1979
1980	1 500	1 240	1 330	2 420	2 200	982	944	894	763	1 400	1 470	1 250	1 370	1980
1981	1 040	1 450	2 080	2 880	1 780	1 580	922	898	1 040	1 130	1 310	1 070	1 400	1981
1982	985	977	1 080	1 730	1 570	888	678	624	438	821	1 090	1 880	1 010	1982
1983	1 830	1 420	1 590	1 880	3 010	2 110	744	583	627	948	988	1 170	1 340	1983
1984	1 170	1 340	1 420	2 590	1 870	1 780	1 340	814	705	708	1 320	1 450	1 380	1984
1985	1 450	1 330	1 580	2 280	2 690	1 040	933	1 050	534	861	848	1 090	1 310	1985
1986	1 050	1 180	1 060	2 270	1 800	1 320	745	718	884	1 080	1 250	1 080	1 180	1986
1987	1 070	1 030	1 060	2 080	771	802	485	418	310	355	847	890	812	1987
1988	1 140	1 210	971	2 340	2 010	807	458	821	802	1 390	1 890	1 480	1 270	1988
MEAN	1 080	1 070	1 200	2 080	2 140	1 310	918	727	675	872	1 090	1 170	1 190	MEAN

LOCATION - LAT 45 21 54 N DRAINAGE AREA, 90 900 km^2
LONG 75 48 18 W REGULATED

REMARKS - DAILY WATER LEVELS AVAILABLE SINCE 1915

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	1 700R ON APR 28	587 ON SEP 13	28 400 000	1982
1983	---	2 820R ON MAY 9	405R ON SEP 23	27 100 000	1983
1984	---	1 630R ON APR 11	398R ON AUG 11	24 100 000	1984
		2 270R ON APR 28	450 ON SEP 19	27 900 000	
1985	---	---	---	---	1985
1986	---	2 900R ON MAY 9	544 ON AUG 1	37 400 000	1986
1987	---	3 510R ON APR 27	614R ON SEP 21	42 700 000	1987
1988	---	3 780 ON MAY 10	584R ON AUG 27	47 400 000	1988
1989	---	2 650R ON APR 8	608R ON SEP 2	32 200 000	1989
		2 720R ON MAY 15	581 ON SEP 7	37 800 000	
1970	---	---	---	---	1970
1971	---	2 880R ON MAY 5	612R ON SEP 27	38 800 000	1971
1972	---	3 840R ON MAY 6	343R ON SEP 6	30 000 000	1972
1973	---	4 000 ON MAY 7	841 ON OCT 1	44 800 000	1973
1974	---	3 370 ON APR 7	610 ON SEP 7	45 700 000	1974
		4 450R ON MAY 20	584R ON SEP 24	47 800 000	
1975	---	---	---	---	1975
1976	---	3 270R ON MAY 3	385 ON SEP 7	33 200 000	1976
1977	---	3 780 ON APR 7	606 ON SEP 1	38 400 000	1977
1978	---	3 020 ON APR 28	447 ON AUG 19	33 800 000	1978
1979	5 110 AT 18:00 EST ON MAY 1 *	3 080R ON MAY 2	384 ON SEP 10	34 100 000	1979
		5 060 ON MAY 4 *	628E ON AUG 1	60 700 000	
1980	3 350 AT 05:58 EST ON APR 11	3 290 ON APR 16	584 ON SEP 13	43 200 000	1980
1981	4 100 AT 15:45 EST ON APR 14	3 590 ON APR 14	418E ON AUG 28	44 200 000	1981
1982	2 830 AT 11:24 EST ON MAY 3	2 870 ON MAY 3	334 ON AUG 22	31 800 000	1982
1983	4 400 AT 06:25 EST ON MAY 12	4 350 ON MAY 13	377 ON SEP 24	42 400 000	1983
1984	3 180 AT 02:26 EST ON APR 21	3 120 ON APR 25	533 ON OCT 2	43 700 000	1984
1985	4 850 AT 15:46 EST ON APR 30	4 400 ON APR 30	480A ON SEP 26	41 500 000	1985
1986	2 760 AT 09:27 EST ON APR 7	2 710 ON APR 7	448 ON SEP 8	37 400 000	1986
1987	2 850 AT 00:58 EST ON APR 12	2 820 ON APR 11	245E ON SEP 17 *	25 800 000	1987
1988	---	2 740 ON APR 18	382 ON JUL 28	40 100 000	1988
				37 800 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	854	1 380	1 360	988	842	838	734	898	898	---	1915
1916	730	787	728	2 280	3 800	2 400	1 210	780	836	486	821	898	1 290	1916
1917	744	710	778	1 740	2 820	2 810	1 850	1 280	885	780	777	707	1 320	1917
1918	803	853	868	1 520	1 980	1 700	1 300	857	847	1 220	1 810	1 300	1 190	1918
1919	1 040	904	848	2 150	3 750	2 870	1 130	737	814	1 210	1 480	1 280	1 830	1919
1920	1 020	788	874	1 780	2 040	1 320	1 050	788	883	483	528	572	985	1920
1921	891	478	928	2 140	2 880	1 240	780	845	491	493	605	727	988	1921
1922	778	688	786	3 110	3 540	1 800	1 050	784	897	814	809	817	1 230	1922
1923	840	820	838	1 080	3 100	2 070	1 290	888	854	728	701	792	1 080	1923
1924	718	718	834	1 710	2 840	2 070	1 100	813	748	788	809	743	1 180	1924
1925	708	721	1 080	2 100	2 080	2 080	1 470	985	712	887	809	832	1 190	1925
1926	784	708	705	907	2 810	2 310	1 840	1 030	707	883	985	868	1 170	1926
1927	828	844	1 240	1 730	3 000	2 180	1 430	1 110	810	1 020	1 210	1 350	1 320	1927
1928	1 070	878	868	2 700	4 880	2 880	2 190	1 480	1 810	2 470	2 480	1 800	2 080	1928
1929	1 280	982	1 180	2 850	3 820	2 280	1 410	991	747	780	1 030	758	1 500	1929
1930	748	715	883	1 280	2 190	2 170	2 290	1 100	843	847	887	825	1 180	1930
1931	874	827	833	1 280	1 800	1 210	805	787	883	884	838	878	819	1931
1932	887	874	783	1 720	1 870	1 180	881	885	1 880	2 010	2 740	1 470	1 400	1932
1933	1 100	813	801	2 870	3 140	1 800	880	715	448	411	475	478	1 180	1933
1934	484	428	488	1 830	3 880	1 820	1 130	883	877	789	835	778	1 090	1934
1935	832	838	858	1 810	1 890	1 180	1 230	781	813	879	784	802	922	1935
1936	813	801	833	1 840	3 920	2 380	827	888	883	727	927	849	1 230	1936
1937	926	986	1 110	1 630	2 810	1 380	788	877	816	730	1 480	1 100	1 180	1937
1938	785	783	1 210	3 380	2 880	1 480	788	872	888	712	882	807	1 220	1938
1939	883	883	813	1 080	3 280	2 380	1 200	772	888	848	784	819	1 090	1939
1940	826	491	818	987	1 840	2 900	1 370	889	775	815	808	801	984	1940
1941	712	738	784	2 280	1 950	972	841	753	836	1 300	1 730	1 210	1 180	1941
1942	826	883	1 020	2 380	2 150	1 850	730	895	829	489	808	825	1 030	1942
1943	822	870	788	1 300	3 480	2 288	1 130	888	808	893	821	738	1 170	1943
1944	884	981	862	823	1 700	885	885	832	841	804	808	851	781	1944
1945	817	834	890	1 890	1 830	2 120	745	835	830	855	722	848	988	1945
1946	785	784	1 180	1 840	1 250	1 450	885	872	858	880	883	773	815	1946
1947	826	842	788	2 210	4 170	4 420	1 790	828	804	892	836	807	1 830	1947
1948	886	867	708	1 880	1 180	728	883	807	801	883	834	840	1948
1949	879	742	817	2 380	2 200	1 270	1 170	890	895	880	882	828	1 010	1949
1950	888	727	885	1 330	1 870	1 140	807	803	818	883	803	908	804	1950
1951	817	871	1 100	3 900	2 330	885	1 080	888	712	1 280	1 990	1 480	1 430	1951
1952	1 180	1 070	1 120	2 230	2 110	1 420	733	718	723	722	880	893	1 130	1952
1953	981	1 040	1 840	2 780	1 400	824	838	844	486	811	820	800	983	1953
1954	886	864	1 020	2 080	1 870	1 720	1 120	781	804	1 740	1 840	1 400	1 270	1954
1955	1 180	1 080	1 020	2 840	1 400	824	807	488	436	853	1 400	1 080	1 080	1955
1956	886	785	788	1 880	2 120	1 880	1 130	990	1 250	1 400	1 040	1 000	1 220	1956
1957	805	920	1 030	1 280	1 330	1 040	2 170	805	825	1 080	1 480	1 480	1 200	1957
1958	1 240	1 190	1 270	1 780	871	895	892	841	701	889	1 220	1 080	1 080	1958
1959	919	872	787	1 730	1 990	1 070	871	878	747	804	1 810	1 440	1 100	1959
1960	1 180	1 180	1 100	2 840	4 870	1 870	1 980	1 220	785	778	864	885	1 870	1960
1961	807	701	723	1 280	1 880	1 130	843	813	838	859	848	1 020	887	1961
1962	1 030	1 080	808	1 880	2 080	887	848	488	470	818	888	810	803	1962
1963	813	887	848	1 800	1 300	872	827	488	886	848	831	817	781	1963
1964	921	887	1 010	1 480	1 480	1 170	803	828	448	828	848	884	888	1964
1965	788	773	808	1 170	2 070	988	887	788	1 230	1 910	1 480	1 380	1 180	1965
1966	1 240	1 180	1 410	2 070	1 770	1 480	782	937	725	901	1 280	2 680	1 270	1966
1967	1 480	1 420	1 010	2 880	2 780	2 080	1 270	770	708	1 130	1 840	1 380	1 630	1967
1968	1 280	1 120	1 170	2 130	1 000	830	884	782	754	888	711	728	1 020	1968
1969	815	874	838	1 770	2 380	1 480	887	878	884	748	1 810	1 280	1 180	1969
1970	1 010	910	871	1 380	2 300	1 800	1 880	1 180	778	857	929	978	1 230	1970
1971	830	811	1 040	1 810	2 430	1 030	814	841	414	418	801	878	942	1971
1972	881	883	978	1 830	3 240	1 800	1 240	1 130	1 070	1 030	1 380	1 180	1 340	1972
1973	1 100	1 180	1 770	2 810	2 810	1 880	1 220	784	718	840	1 030	1 130	1 410	1973
1974	1 030	1 000	1 370	2 280	3 910	2 400	1 300	725	819	778	1 230	1 180	1 480	1974
1975	1 100	1 080	1 130	1 480	1 880	1 310	832	481	402	489	878	731	940	1975
1976	800	885	1 280	3 130	2 410	1 130	838	830	834	830	883	821	1 180	1976
1977	784	787	1 300	2 200	1 420	882	888	808	811	872	898	1 210	887	1977
1978	1 100	1 120	948	1 480	1 880	873	818	481	453	812	810	827	888	1978
1979	937	928	1 280	2 700	3 710	1 470	887	783	729	1 180	1 280	1 720	1 470	1979
1980	1 380	1 130	1 240	2 400	2 120	936	888	838	727	1 340	1 400	1 180	1 300	1980
1981	893	1 380	1 880	2 800	1 710	1 820	882	803	1 000	1 080	1 240	1 010	1 380	1981
1982	825	840	1 020	1 880	1 480	918	888	447	482	818	1 030	1 820	973	1982
1983	1 840	1 340	1 480	1 780	2 820	2 000	888	848	442	830	938	1 080	1 280	1983
1984	1 110	1 270	1 320	2 470	1 880	1 880	1 280	770	878	882	1 280	1 380	1 310	1984
1985	1 400	1 270	1 470	2 240	2 780	988	920	883	818	822	803	1 030	1 280	1985
1986	886	1 110	884	2 200	1 880	1 220	884	877	842	1 010	1 180	887	1 110	1986
1987	1 010	848	974	1 900	885	858	885	431	334	387	823	820	787	1987
1988	1 080	1 140	897	2 270	1 900	734	488	823	787	1 340	1 880	1 370	1 200	1988
MEAN	884	888	985	1 980	2 340	1 580	1 040	748	884	833	1 010	980	1 180	MEAN

LOCATION - LAT 45 26 30 N
LONG 75 14 21 W

DRAINAGE AREA, 89 900 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	1 830 ON MAY 21	---	---	1915
1916	---	4 060 ON MAY 7	386 ON OCT 8	40 700 000	1916
1917	---	3 140 ON MAY 31	661 ON DEC 28	41 700 000	1917
1918	---	2 400 ON MAY 18	473 ON MAR 17	37 600 000	1918
1919	---	4 780 ON MAY 27	851 ON AUG 21	48 400 000	1919
1920	---	3 280 ON MAY 1	386 ON OCT 24	31 100 000	1920
1921	---	3 510 ON MAY 7	371 ON SEP 29	31 100 000	1921
1922	---	5 070 ON APR 23	575 ON SEP 30	38 900 000	1922
1923	---	3 620 ON MAY 4	488 ON FEB 1	34 500 000	1923
1924	---	3 030 ON MAY 23	851 ON FEB 27	38 800 000	1924
1925	---	2 480 ON MAY 1	851 ON FEB 1	37 500 000	1925
1926	---	3 080 ON MAY 29	628 ON OCT 13	38 800 000	1926
1927	---	2 440 ON APR 29	788 ON JAN 28	41 700 000	1927
1928	---	5 780E ON MAY 13	827 ON MAR 2	85 800 000	1928
1929	---	4 470 ON MAY 8	828 ON OCT 15	47 400 000	1929
1930	---	2 870 ON JUL 8	849 ON DEC 27	37 200 000	1930
1931	---	2 010 ON APR 28	472 ON SEP 20	28 800 000	1931
1932	---	3 110 ON NOV 12	817 ON JAN 12	44 300 000	1932
1933	---	4 220 ON APR 23	244 ON NOV 19	36 400 000	1933
1934	---	4 420 ON MAY 11	288 ON MAR 19	34 200 000	1934
1935	---	2 310 ON MAY 5	445 ON DEC 22	28 100 000	1935
1936	---	4 580 ON MAY 14	458 ON AUG 30	39 000 000	1936
1937	---	3 430 ON MAY 8	490 ON SEP 11	37 200 000	1937
1938	---	4 180 ON APR 24	501 ON SEP 5	38 800 000	1938
1939	---	3 850 ON MAY 14	445 ON OCT 1	34 500 000	1939
1940	---	3 450 ON JUN 4	389 ON JAN 21	31 400 000	1940
1941	---	4 500 ON APR 25	578 ON AUG 10	37 300 000	1941
1942	---	3 230 ON APR 25	143 ON NOV 16 *	23 500 000	1942
1943	---	4 670 ON MAY 13	487 ON JAN 23	36 400 000	1943
1944	---	2 670 ON MAY 12	384 ON SEP 3	23 700 000	1944
1945	---	3 170 ON JUN 7	438 ON MAR 4	31 100 000	1945
1946	---	2 260 ON APR 2	411 ON OCT 8	28 800 000	1946
1947	---	4 840 ON JUN 21	386 ON OCT 25	48 200 000	1947
1948	---	3 580 ON APR 25	377 ON OCT 11	28 500 000	1948
1949	---	3 450 ON APR 26	382 ON AUG 9	31 800 000	1949
1950	---	3 550 ON MAY 18	388 ON SEP 24	28 500 000	1950
1951	---	5 550 ON APR 18	521 ON AUG 18	45 200 000	1951
1952	---	3 170 ON APR 26	433 ON AUG 3	35 800 000	1952
1953	---	3 780 ON APR 3	371 ON OCT 4	31 000 000	1953
1954	---	3 110 ON APR 20	521 ON FEB 14	38 900 000	1954
1955	---	3 820 ON APR 20	331 ON OCT 13	32 400 000	1955
1956	---	2 780 ON JUN 3	546 ON AUG 18	36 800 000	1956
1957	---	3 480 ON JUL 8	510 ON SEP 4	37 800 000	1957
1958	---	3 170 ON APR 25	535 ON AUG 17	33 600 000	1958
1959	---	3 480 ON MAY 8	490 ON JUL 18	34 800 000	1959
1960	---	5 800 ON MAY 18 *	508 ON OCT 21	48 800 000	1960
1961	---	1 680 ON APR 21	600 ON MAR 1	30 800 000	1961
1962	---	3 230 ON MAY 9	323 ON SEP 23	28 800 000	1962
1963	---	1 950 ON APR 10	381 ON AUG 4	24 700 000	1963
1964	---	3 210 ON APR 26	386 ON SEP 26	27 400 000	1964
1965	---	3 400 ON MAY 8	490 ON AUG 1	36 600 000	1965
1966	---	3 770 ON APR 27	686 ON SEP 18	43 300 000	1966
1967	---	4 110 ON MAY 8	840 ON AUG 27	46 200 000	1967
1968	---	3 780 ON APR 8	575 ON SEP 1	32 200 000	1968
1969	---	3 620 ON MAY 15	686 ON SEP 7	37 600 000	1969
1970	---	3 770 ON MAY 8	572 ON SEP 27	38 800 000	1970
1971	---	3 810 ON MAY 4	283 ON SEP 5	28 700 000	1971
1972	---	4 280 ON MAY 7	695 ON JAN 3	42 200 000	1972
1973	---	3 840 ON APR 8	540 ON SEP 6	44 400 000	1973
1974	---	4 810 ON MAY 20	955 ON SEP 22	48 900 000	1974
1975	---	3 280 ON MAY 2	338 ON SEP 8	28 800 000	1975
1976	---	3 820 ON APR 6	436 ON SEP 18	38 400 000	1976
1977	---	3 870 ON APR 28	438 ON AUG 18	30 800 000	1977
1978	---	3 030 ON MAY 3	367 ON SEP 10	30 500 000	1978
1979	---	5 410 ON MAY 1	886 ON AUG 1	48 500 000	1979
1980	---	3 270 ON APR 16	340 ON JUL 28	40 800 000	1980
1981	---	3 500 ON APR 14	437 ON AUG 22	42 500 000	1981
1982	---	2 840 ON MAY 3	361 ON AUG 23	30 700 000	1982
1983	---	4 250 ON MAY 11	382 ON SEP 20	40 400 000	1983
1984	---	2 980 ON APR 21	504 ON OCT 1	41 800 000	1984
1985	---	4 480 ON MAY 1	487 ON OCT 29	38 700 000	1985
1986	---	2 840 ON APR 8	441 ON SEP 4	35 100 000	1986
1987	---	2 600 ON APR 11	388 ON SEP 11	34 200 000	1987
1988	---	2 710 ON APR 18	370 ON JUL 27	36 000 000	1988
				38 700 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	495	481	484	600	542	---	1950
1951	621	583	801	2 280	1 260	708	788	613	598	1 210	1 610	1 130	1 010	1951
1952	950	808	834	1 190	1 370	892	808	626	643	832	570	720	828	1952
1953	818	895	1 190	1 840	961	834	530	450	348	462	424	508	752	1953
1954	529	511	756	1 010	930	1 250	899	648	656	1 440	1 170	1 010	903	1954
1955	894	821	787	1 170	841	807	454	388	392	538	1 030	880	733	1955
1956	862	805	835	875	1 330	1 040	857	745	896	1 170	787	730	883	1956
1957	710	743	767	888	929	781	1 590	845	712	840	1 060	1 010	893	1957
1958	907	925	918	936	498	811	629	491	548	881	940	883	747	1958
1959	899	891	831	885	1 220	748	525	442	588	851	1 080	988	758	1959
1960	881	882	833	1 400	3 080	1 260	1 530	980	658	836	887	891	1 130	1960
1961	878	878	883	778	863	819	851	575	683	788	715	782	718	1961
1962	870	920	712	1 010	1 370	735	428	381	411	419	389	346	884	1962
1963	385	417	473	902	789	873	458	420	476	439	447	878	544	1963
1964	702	885	708	918	983	988	850	453	397	471	482	541	883	1964
1965	823	833	838	851	1 150	882	483	803	1 110	1 380	880	898	820	1965
1966	830	898	909	1 220	1 000	997	803	832	818	781	1 100	1 710	987	1966
1967	1 070	1 090	805	1 650	1 800	1 440	747	590	525	585	1 070	900	1 020	1967
1968	824	786	778	1 220	851	885	738	636	598	578	631	512	720	1968
1969	820	848	884	938	1 170	950	888	701	545	648	1 180	986	813	1969
1970	831	741	775	785	1 280	1 370	1 380	887	638	718	712	728	905	1970
1971	885	873	773	1 010	1 220	885	384	457	280	305	403	516	814	1971
1972	857	706	780	816	1 470	868	708	786	746	703	808	783	821	1972
1973	738	830	803	1 280	1 460	1 120	821	554	589	744	836	836	894	1973
1974	747	894	878	1 090	2 120	1 840	882	847	506	632	848	898	974	1974
1975	847	879	808	786	948	1 030	486	385	347	402	458	843	693	1975
1976	718	890	774	1 640	1 580	808	807	603	438	520	540	881	783	1976
1977	858	852	853	1 420	957	833	588	461	488	511	705	856	718	1977
1978	835	883	711	872	863	748	511	418	388	724	888	893	887	1978
1979	783	780	858	1 870	2 430	1 180	728	731	857	972	1 800	1 280	1 120	1979
1980	1 110	918	832	1 380	1 360	888	874	827	872	887	935	841	884	1980
1981	722	778	1 130	1 880	1 170	1 100	828	825	884	883	800	880	874	1981
1982	833	876	894	828	785	888	882	873	871	802	748	880	833	1982
1983	1 010	884	888	958	1 880	1 420	888	887	880	888	888	782	887	1983
1984	828	874	841	1 120	1 040	1 280	881	878	821	878	1 020	1 080	892	1984
1985	1 080	881	894	1 140	1 870	722	822	755	488	880	801	748	882	1985
1986	713	889	828	1 320	1 100	777	880	853	878	721	951	745	788	1986
1987	784	720	837	851	340	308	345	345	287	280	408	828R	488R	1987
1988	781	821	887	1 380	1 200	831	378	834	828	1 170	1 800	1 070	880	1988
MEAN	778	771	782	1 150	1 240	891	888	881	843	880	921	827R	813R	MEAN

LOCATION - LAT 46 11 00 N DRAINAGE AREA, 87 500 km²
LONG 77 41 52 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1987

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	3 110 ON APR 15	217 ON SEP 8	32 000 000	1951
1952	---	2 390 ON APR 24	259 ON AUG 31	26 200 000	1952
1953	---	2 810 ON MAR 30	208 ON SEP 27	23 700 000	1953
1954	---	2 420 ON OCT 19	200 ON JAN 24	28 500 000	1954
1955	---	1 740 ON APR 20	91.5 ON OCT 8 *	23 100 000	1955
1956	---	1 980 ON MAY 18	188 ON DEC 26	27 300 000	1956
1957	---	2 820 ON JUN 30	225 ON SEP 1	28 200 000	1957
1958	---	1 090 ON APR 9	135 ON MAY 18	23 600 000	1958
1959	---	1 840 ON MAY 12	186 ON AUG 16	23 900 000	1959
1960	---	4 130 ON MAY 15	284 ON OCT 2	35 700 000	1960
1961	---	1 380 ON MAY 12	207 ON APR 30	22 800 000	1961
1962	---	2 410 ON MAY 5	207 ON JUN 24	20 900 000	1962
1963	---	1 090 ON APR 6	170 ON MAY 19	17 200 000	1963
1964	---	1 740 ON MAY 1	249 ON AUG 23	21 000 000	1964
1965	---	1 920 ON SEP 28	283 ON APR 11	25 900 000	1965
1966	---	2 450 ON DEC 10	331 ON SEP 18	30 600 000	1966
1967	---	2 830 ON MAY 8	320 ON SEP 18	32 100 000	1967
1968	---	1 840 ON APR 5	311 ON NOV 17	22 800 000	1968
1969	---	1 570 ON MAY 11	207 ON SEP 7	25 800 000	1969
1970	---	2 110 ON JUN 3	413 ON NOV 21	28 600 000	1970
1971	---	1 880 ON MAY 3	187 ON OCT 10	19 300 000	1971
1972	---	1 920 ON MAY 4	387 ON JUL 9	26 000 000	1972
1973	---	2 290 ON MAY 12	348 ON SEP 1	26 200 000	1973
1974	---	2 490 ON MAY 16	371 ON AUG 4	30 700 000	1974
1975	---	1 850 ON MAY 1	288 ON NOV 16	21 800 000	1975
1976	---	2 080 ON APR 26	279 ON OCT 11	24 800 000	1976
1977	---	1 850 ON APR 24	382 ON AUG 21	22 800 000	1977
1978	---	1 580 ON APR 30	187 ON SEP 10	21 700 000	1978
1979	---	4 800 ON MAY 8 *	388 ON JUL 28	35 400 000	1979
1980	---	2 080 ON MAY 4	308 ON JUN 6	27 800 000	1980
1981	---	2 430 ON APR 13	211 ON JUL 18	27 800 000	1981
1982	---	1 840 ON APR 26	271 ON OCT 8	20 000 000	1982
1983	---	2 710 ON JUN 2	260 ON SEP 16	27 000 000	1983
1984	---	1 810 ON MAY 25	308 ON SEP 23	26 200 000	1984
1985	---	2 380 ON MAY 4	221 ON JUL 16	27 200 000	1985
1986	---	1 880 ON APR 3	289 ON JUL 20	24 200 000	1986
1987	---	1 250 ON APR 14	178 ON JUN 25	15 400 000R	1987
1988	---	1 850 ON NOV 21	257 ON JUL 3	27 800 000	1988
				25 700 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	783	791	874	1 170	884	545	521	588	594	544	818	---	1952
1953	781	830	1 010	1 670	795	585	484	433	338	429	383	427	878	1953
1954	467	472	535	719	732	1 030	788	581	513	1 280	1 050	823	775	1954
1955	646	802	705	818	705	518	384	378	370	488	813	852	646	1955
1956	590	595	650	714	1 070	898	747	670	761	1 090	893	834	781	1956
1957	655	669	715	708	755	578	1 330	575	585	716	928	907	784	1957
1958	635	681	668	719	423	506	489	415	523	617	678	831	584	1958
1959	650	658	677	827	1 080	857	472	371	484	581	903	868	686	1959
1960	803	805	770	870	2 800	1 140	1 370	850	635	592	805	841	1 000	1960
1961	643	645	685	685	793	704	527	474	582	710	652	884	820	1961
1962	810	677	651	755	1 150	636	370	383	398	390	385	302	586	1962
1963	324	368	395	588	583	557	389	378	420	410	370	522	483	1963
1964	659	650	807	720	903	895	802	420	373	445	458	498	802	1964
1965	587	598	559	803	854	802	404	488	1 000	1 240	831	754	702	1965
1966	817	817	753	816	784	852	538	784	584	744	974	1 530	838	1966
1967	882	1 010	718	1 340	1 880	1 310	841	528	483	442	836	780	890	1967
1968	837	709	859	831	548	891	830	575	526	535	480	458	814	1968
1969	583	588	590	638	880	783	590	518	483	580	975	847	673	1969
1970	745	871	880	851	975	1 170	1 100	741	518	577	588	825	744	1970
1971	817	800	837	701	885	884	307	414	235	274	359	441	502	1971
1972	585	634	644	574	854	880	531	578	801	581	824	883	634	1972
1973	633	741	735	834	1 230	833	625	415	510	656	725	702	719	1973
1974	649	801	728	899	1 750	1 470	838	488	447	545	740	773	809	1974
1975	740	792	843	886	889	897	416	344	314	334	389	828	583	1975
1976	880	823	818	1 180	1 340	873	503	453	418	483	502	856	878	1976
1977	822	821	884	1 180	827	484	488	387	381	414	589	767	820	1977
1978	759	823	595	482	688	838	481	388	348	824	818	815	882	1978
1979	726	735	881	1 130	2 050	1 080	848	852	586	833	1 110	1 080	841	1979
1980	1 010	836	884	988	1 150	443	445	418	414	878	785	734	710	1980
1981	881	858	851	1 410	907	894	538	395	475	881	724	818	722	1981
1982	818	889	586	881	529	481	397	336	302	422	818	747	821	1982
1983	882	871	804	878	1 240	1 220	482	424	327	387	887	878	711	1983
1984	806	787	884	781	788	1 080	807	505	459	802	844	948	748	1984
1985	858	880	713	752	1 380	802	872	882	440	448	528	888	727	1985
1986	703	835	804	886	811	883	433	405	458	885	881	714	878	1986
1987	728	884	487	837	243	227	316	323	228	258	348	887	418	1987
1988	748	780	484	1 050	1 030	484	354	490	587	1 080	1 300	874	778	1988
MEAN	713	718	882	821	1 010	781	588	484	480	888	884	724	888	MEAN

LOCATION - LAT 48 22 40 N, LONG 78 43 24 W
DRAINAGE AREA, 47 800 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	1 710 ON MAY 21	---	---	1953
1954	---	2 120 ON APR 14	0 ON AUG 23 *	21 400 000	1953
		2 030 ON OCT 18	22.1 ON JAN 31	24 400 000	1954
1955	---	1 210 ON NOV 5	0 ON JUN 18	20 400 000	1955
1956	---	1 760 ON JUN 1	18.9 ON MAR 4	23 700 000	1956
1957	---	2 240 ON JUL 5	0 ON JUN 23	24 100 000	1957
1958	---	1 080 ON FEB 20	0 ON MAY 11	21 000 000	1958
1959	---	1 480 ON MAY 14	0 ON MAR 6	20 700 000	1959
1960	---	2 850 ON MAY 15 *	111 ON OCT 23	31 700 000	1960
1961	---	1 080 ON MAY 15	0 ON FEB 15	15 500 000	1961
1962	---	1 810 ON MAY 7	0 ON MAR 15	15 500 000	1962
1963	---	923 ON APR 23	0 ON MAY 15	14 300 000	1963
1964	---	1 480 ON MAY 1	36.8 ON AUG 30	19 000 000	1964
1965	---	1 900 ON SEP 30	85.0 ON JUN 20	22 200 000	1965
1966	---	2 140 ON DEC 10	228 ON SEP 16	26 500 000	1966
1967	---	2 550 ON MAY 6	78.3 ON SEP 17	26 100 000	1967
1968	---	1 020 ON APR 3	235 ON JUN 2	19 400 000	1968
1969	---	1 380 ON NOV 21	188 ON SEP 7	21 200 000	1969
1970	---	1 770 ON JUN 4	308 ON FEB 22	23 500 000	1970
1971	---	1 270 ON MAY 3	187 ON SEP 7	15 800 000	1971
1972	---	1 030 ON MAY 10	285 ON JUL 8	20 100 000	1972
1973	---	2 020 ON MAY 12	380 ON AUG 8	22 700 000	1973
1974	---	2 200 ON MAY 28	311 ON APR 6	25 500 000	1974
1975	---	1 270 ON JUN 6	258 ON SEP 18	17 800 000	1975
1976	---	1 870 ON APR 28	320 ON AUG 28	21 400 000	1976
1977	---	1 770 ON APR 28	280 ON JUL 31	18 500 000	1977
1978	---	1 010 ON APR 28	223 ON SEP 10	15 300 000	1978
1979	---	2 780 ON MAY 5	343 ON JUL 28	29 700 000	1979
1980	---	1 780 ON MAY 5	210 ON JUN 15	22 500 000	1980
1981	---	1 980 ON APR 16	155 ON JUL 19	22 800 000	1981
1982	---	878 ON MAY 3	207 ON MAY 22	15 400 000	1982
1983	---	2 220 ON JUN 1	290 ON SEP 25	22 400 000	1983
1984	---	1 550 ON MAY 28	269 ON MAY 12	23 800 000	1984
1985	---	1 800 ON MAY 5	376 ON SEP 8	22 900 000	1985
1986	---	1 140 ON APR 22	310 ON AUG 20	21 300 000	1986
1987	---	1 000 ON APR 15	171 ON MAY 20	13 200 000	1987
1988	---	1 800 ON NOV 19	248 ON AUG 14	24 500 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 700 000	MEAN

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	282	1 840	1 380	828	381	288	240	408	515	---	1911
1912	434	313	289	373	1 570	1 610	887	531	358	440	508	428	646	1912
1913	488	515	387	487	1 710	812	531	473	392	348	555	583	645	1913
1914	588	544	459	385	1 010	858	512	278	198	131	139	188	438	1914
1915	204	184	128	232	805	803	538	483	370	418	438	473	438	1915
1916	448	422	430	588	2 170	1 230	880	438	307	288	434	410	887	1916
1917	434	481	445	477	1 710	1 780	1 210	772	534	505	473	482	788	1917
1918	433	383	288	504	1 230	1 110	788	570	510	520	1 180	738	713	1918
1919	588	558	488	1 040	2 180	1 490	810	473	515	843	903	878	887	1919
1920	884	597	478	878	1 180	748	515	454	373	277	285	284	572	1920
1921	288	289	283	883	1 850	882	517	438	319	329	338	387	528	1921
1922	483	478	481	1 510	2 270	892	838	492	420	374	318	308	718	1922
1923	328	347	318	371	1 100	1 100	738	580	481	488	408	340	548	1923
1924	378	381	517	877	1 150	1 280	887	517	480	489	488	472	818	1924
1925	438	477	548	840	1 020	1 290	848	838	505	480	387	433	884	1925
1926	487	481	505	340	1 130	1 320	888	848	481	381	338	420	827	1926
1927	563	538	740	848	1 050	1 130	700	581	515	583	858	885	736	1927
1928	800	811	808	1 000	2 880	1 820	1 420	858	1 050	1 700	1 480	818	1 250	1928
1929	893	525	537	881	1 800	1 380	880	703	537	871	727	848	829	1929
1930	521	458	388	525	1 230	1 540	1 580	734	521	523	514	484	782	1930
1931	458	423	385	813	748	728	538	632	377	387	488	701	527	1931
1932	503	527	573	737	888	778	848	733	1 070	1 830	1 810	882	908	1932
1933	845	538	581	1 080	1 870	1 140	848	520	325	320	388	388	888	1933
1934	338	330	319	838	2 080	1 140	711	488	511	878	424	442	877	1934
1935	438	514	893	887	708	841	803	547	488	482	482	401	848	1935
1936	483	480	487	703	2 170	1 300	871	481	488	518	582	440	723	1936
1937	518	883	782	733	1 380	787	874	872	888	850	1 030	723	747	1937
1938	878	872	810	1 880	1 810	808	518	528	505	528	511	488	741	1938
1939	442	488	471	887	1 880	1 750	813	800	473	801	877	482	728	1939
1940	418	401	438	384	788	1 800	885	521	887	452	894	520	822	1940
1941	482	871	808	1 170	1 080	885	850	884	852	1 270	1 410	887	888	1941
1942	704	738	877	1 180	1 040	918	817	487	431	280	232	300	824	1942
1943	423	488	814	880	1 040	1 380	887	484	818	840	448	837	838	1943
1944	477	480	488	423	814	883	473	483	444	414	428	470	800	1944
1945	481	382	487	817	1 130	1 420	470	432	423	428	424	454	892	1945
1946	818	878	821	880	887	888	804	480	488	489	438	430	883	1946
1947	883	870	478	783	2 470	3 250	857	515	440	387	382	480	935	1947
1948	438	434	328	788	777	880	820	423	434	410	411	420	801	1948
1949	481	508	824	1 010	1 080	858	782	508	508	478	490	487	880	1949
1950	448	511	515	482	1 250	885	812	435	482	487	508	503	888	1950
1951	888	841	884	1 880	938	887	888	885	802	---	---	---	---	1951
MEAN	488	491	488	738	1 390	1 180	724	534	501	540	578	518	878	MEAN

LOCATION - LAT 48 40 00 N
LONG 78 05 00 W

DRAINAGE AREA, 48 100 km²
REGULATED

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	1 870 ON MAY 30	225 ON APR 8	20 400 000	1912
1913	---	2 180 ON MAY 2	185 ON APR 12	20 400 000	1913
1914	---	1 310 ON MAY 12	118 ON OCT 31 *	13 800 000	1914
1915	---	1 120 ON MAY 28	119 ON MAR 22	13 800 000	1915
1916	---	2 380 ON MAY 8	255 ON OCT 18	21 700 000	1916
1917	---	2 310 ON MAY 27	308 ON APR 5	24 800 000	1917
1918	---	1 500 ON OCT 30	249 ON MAR 24	22 500 000	1918
1919	---	2 520 ON MAY 25	381 ON MAR 25	26 000 000	1919
1920	---	1 350 ON MAY 13	249 ON DEC 4	18 100 000	1920
1921	---	2 230 ON MAY 3	218 ON MAR 19	18 700 000	1921
1922	---	2 880 ON MAY 10	287 ON MAR 31	22 700 000	1922
1923	---	1 540 ON MAY 31	224 ON APR 19	17 300 000	1923
1924	---	1 400 ON JUN 1	334 ON JAN 1	18 400 000	1924
1925	---	1 490 ON JUN 12	340 ON JAN 27	20 800 000	1925
1926	---	1 880 ON MAY 27	281 ON APR 20	18 800 000	1926
1927	---	1 440 ON MAY 28	480 ON JAN 1	23 200 000	1927
1928	---	3 310 ON MAY 16	459 ON APR 3	38 400 000	1928
1929	---	2 030 ON MAY 25	445 ON MAR 30	26 100 000	1929
1930	---	2 380 ON JUL 2	294 ON APR 5	24 000 000	1930
1931	---	1 000 ON APR 25	311 ON APR 7	16 900 000	1931
1932	---	2 280 ON OCT 18	464 ON JAN 12	28 700 000	1932
1933	---	2 440 ON MAY 3	292 ON SEP 30	21 800 000	1933
1934	---	2 870 ON MAY 15	311 ON MAR 18	21 300 000	1934
1935	---	1 140 ON MAY 2	334 ON MAY 24	17 200 000	1935
1936	---	2 870 ON MAY 15	394 ON FEB 8	22 900 000	1936
1937	---	1 740 ON MAY 9	411 ON AUG 25	23 800 000	1937
1938	---	2 320 ON MAY 4	439 ON DEC 26	23 400 000	1938
1939	---	2 280 ON JUN 2	380 ON MAR 28	22 900 000	1939
1940	---	2 270 ON MAY 30	142 ON APR 30	18 800 000	1940
1941	---	2 230 ON APR 24	284 ON JUN 10	27 400 000	1941
1942	---	1 870 ON APR 26	207 ON NOV 27	18 700 000	1942
1943	---	1 510 ON JUN 13	334 ON NOV 24	20 100 000	1943
1944	---	1 520 ON MAY 6	308 ON APR 11	15 800 000	1944
1945	---	2 780E ON JUN 2	198E ON APR 10	18 700 000	1945
1946	---	1 830 ON MAY 31	278 ON MAY 4	18 400 000	1946
1947	---	3 540 ON JUN 17 *	362 ON NOV 5	28 800 000	1947
1948	---	1 380 ON APR 30	270 ON APR 3	15 800 000	1948
1949	---	1 770 ON JUN 29	277 ON MAY 21	20 500 000	1949
1950	---	1 830 ON MAY 14	320 ON APR 28	17 900 000	1950
1951	---	2 280 ON APR 18	---	---	1951
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 400 000	MEAN

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.51	5.09	5.51	---	1967
1968	2.48	2.71	7.21	8.04	2.87	2.17	1.02	0.448	0.385	0.384	0.801	1.09	2.28	1968
1969	1.06	1.87	4.89	9.63	7.47	2.83	0.778	0.283	0.081	0.228	0.538	0.710	2.49	1969
1970	0.478	0.851	1.72	9.81	3.74	1.13	0.880	0.380	0.181	0.371	1.16	1.83	1.82	1970
1971	1.01	1.08	2.86	14.3	4.50	1.31	0.595	0.178	0.134	0.308	0.816	1.08	2.28	1971
1972	1.48	1.42	1.86	15.1	6.84	2.63	3.14	2.43	1.16	2.44	4.58	4.14	4.01	1972
1973	4.88	3.84	16.7	10.2	3.89	1.32	0.430	0.336	0.144	0.281	1.00	1.27	3.88	1973
1974	1.87	2.06	5.21	9.08	8.70	2.76	1.36	0.670	0.506	0.838	1.76	1.78	2.90	1974
1975	2.32	2.27	8.09	10.6	4.22	1.67	0.736	0.343	0.155	0.203	0.388	0.835	2.84	1975
1976	0.585	1.87	16.5	11.4	3.88	1.85	0.884	0.378	0.333	0.606	0.515	0.287	3.24	1976
1977	0.218	0.228	6.71	5.42	1.70	0.485	0.211	0.272	0.506	1.20	2.49	4.17	1.88	1977
1978	3.80	2.83	3.80	18.2	6.69	1.41	0.355	0.306	0.223	0.652	0.940	0.850	3.32	1978
1979	1.23	0.789	12.3	11.2	4.14	1.84	0.837	0.289	0.186	0.589	1.48	2.87	3.12	1979
1980	2.18	0.739	8.78	9.28	3.48	1.20	0.845	0.443	0.239	0.550	1.08	2.36	2.61	1980
1981	0.835	12.1	5.27	4.18	2.37	2.52	1.29	0.840	1.44	1.83	3.10	1.84	3.08	1981
1982	1.03	0.707	2.58	15.7	3.91	2.83	0.723	0.348	0.810	1.50	4.02	7.26	3.45	1982
1983	3.85	3.43	4.48	6.56	6.88	2.85	0.850	0.845	0.186	0.295	0.889	1.23	2.82	1983
1984	1.01	6.36	5.89	13.5	6.08	1.76	0.888	2.71	2.85	1.16	2.46	2.82	3.96	1984
1985	1.85	3.70	11.2	10.6	3.42	1.33	0.848	0.273	2.83	1.88	7.43	3.13	4.02	1985
1986	2.48	1.83	8.31	7.81	2.42	1.70	0.567	0.485	1.18	2.41	1.88	2.17	2.81	1986
1987	1.85	1.03	5.87	10.8	1.88	0.811	0.388	0.119	0.147	0.365	0.905	3.18	2.25	1987
1988	1.41	2.07	5.04	7.27	3.13	0.788	0.188	0.088	0.092	0.204	0.740	0.845	1.79	1988
MEAN	1.80	2.53	6.95	10.3	4.28	1.75	0.839	0.575	0.683	1.02	2.02	2.31	2.87	MEAN

LOCATION - LAT 44 17 50 N, LONG 78 02 50 W DRAINAGE AREA, 282 km^2, REGULATED

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	17.2 AT 18:00 EST ON MAR 28	17.0 ON MAR 28	0.280 ON SEP 2	72 100	1968
1969	18.5 AT 02:31 EST ON MAY 20	18.3 ON MAY 20	0.008 ON SEP 5	78 500	1969
1970	17.0 AT 18:18 EST ON APR 10	16.8 ON APR 10	0.060 ON SEP 23	57 500	1970
1971	36.2 AT 07:31 EST ON APR 14	34.8 ON APR 14	0.007 ON SEP 12 *	72 200	1971
1972	42.5 AT 10:00 EST ON APR 15	40.2 ON APR 15	0.801B ON JAN 1	127 000	1972
1973	52.1 AT 13:21 EST ON MAR 8	45.3 ON MAR 8	0.081 ON OCT 1	118 000	1973
1974	29.2 AT 08:16 EST ON APR 5	27.0 ON APR 5	0.245 ON SEP 22	81 400	1974
1975	---	39.4B ON MAR 20	0.082 ON SEP 15	83 300	1975
1976	67.7E AT 00:50 EST ON MAR 22	55.6E ON MAR 22	0.153 ON AUG 28	102 000	1976
1977	22.5 AT 04:33 EST ON MAR 14	20.7 ON MAR 14	0.088 ON JUL 29	62 500	1977
1978	27.8 AT 01:55 EST ON APR 22	27.1 ON APR 13	0.105 ON SEP 14	105 000	1978
1979	41.8 AT 14:15 EST ON MAR 28	40.1 ON MAR 28	0.081 ON SEP 30	88 800	1979
1980	67.8 AT 13:21 EST ON MAR 22 *	53.1 ON MAR 22 *	0.171 ON SEP 21	92 400	1980
1981	64.5 AT 14:00 EST ON FEB 24	50.5 ON FEB 24	0.838 ON AUG 30	97 100	1981
1982	28.6B AT 20:18 EST ON APR 1	25.0B ON APR 4	0.187 ON AUG 18	109 000	1982
1983	21.7 AT 04:51 EST ON FEB 4	18.9 ON FEB 4	0.048 ON OCT 2	82 500	1983
1984	39.6 AT 17:09 EST ON APR 5	36.3 ON APR 5	0.448 ON AUG 5	126 000	1984
1985	---	21.8B ON MAR 13	0.082 ON AUG 23	127 000	1985
1986	---	28.0B ON MAR 20	0.188 ON AUG 26	88 500	1986
1987	27.2 AT 00:22 EST ON APR 6	26.5 ON APR 5	0.073 ON AUG 24	71 100	1987
1988	---	20.9 ON MAR 27	0.050 ON AUG 21	56 800	1988
				90 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	35.5	31.3	5.84	5.29	---	1981
1982	4.11	4.52	7.18	34.9	16.5	6.54	3.09	1.48	8.68	8.18	18.6	24.6	11.5	1982
1983	16.6	9.08	12.3	18.0	31.1	10.0	1.86	1.31	4.77	9.85	10.8	10.3	11.3	1983
1984	3.36	14.9	13.4	33.0	18.3	12.7	4.42	2.33	8.06	9.46	11.4	12.1	11.7	1984
1985	13.0	8.83	16.4	42.9	21.1	4.13	2.85	2.67	10.5	10.7	12.7	12.6	13.1	1985
1986	4.87	3.20	12.7	29.1	13.4	10.3	3.81	3.85	12.7	14.6	4.88	4.78	9.63	1986
1987	3.80	3.28	10.5	22.3	5.04	3.07	1.43	0.988	5.91	5.63	5.15	5.17	6.37	1987
1988	4.83	11.4	7.07	37.6	14.1	3.40	0.788	0.733	9.32	14.3	15.4	7.88	10.5	1988
MEAN	7.27	7.90	11.4	31.1	16.9	7.16	2.82	1.88	11.7	11.6	10.8	10.8	10.6	MEAN

LOCATION - LAT 45 18 47 N LONG 78 58 32 W
DRAINAGE AREA, 801 km^2
REGULATED

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	81.0 AT 23:07 EST ON SEP 5	80.3 ON SEP 5	---	---	1981
1982	85.2 AT 23:24 EST ON APR 18	83.7 ON APR 25	1.05 ON AUG 18	383 000	1982
1983	58.1 AT 07:48 EST ON MAY 9	57.6 ON MAY 9	0.803 ON JUL 31	358 000	1983
1984	46.2 AT 19:04 EST ON APR 17	45.5 ON APR 17	2.11 ON AUG 12	371 000	1984
1985	93.6 AT 08:22 EST ON APR 25 *	93.3 ON APR 25 *	1.80 ON AUG 17	414 000	1985
1986	63.5 AT 02:34 EST ON APR 3	62.0 ON APR 2	2.21 ON AUG 28	310 000	1986
1987	40.9 AT 17:47 EST ON MAR 31	39.4 ON MAR 31	0.895 ON AUG 13	201 000	1987
1988	---	88.2 ON APR 6	0.459 ON AUG 4 *	331 000	1988
				335 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	3.78	2.49	1.84	48.0	41.9	41.0	48.4	28.2	13.8	26.3	19.5	8.57	23.8	1968
1969	8.70	5.46	4.45	19.3	101	49.2	15.8	8.31	8.77	14.1	8.90	8.71	20.7	1969
1970	4.90	3.85	3.08	8.78	82.5	28.8	12.5	3.10	28.0	28.2	30.0	10.8	20.2	1970
1971	8.99	6.03	3.67	12.0	85.9	29.2	12.7	8.88	22.1	52.3	32.5	14.5	24.0	1971
1972	8.51	3.89	3.11	8.72	105	22.8	31.0	14.6	9.42	19.6	8.52	5.18	19.9	1972
1973	4.80	3.71	4.17	45.2	77.7	28.6	43.1	18.9	15.6	15.2	20.0	12.6	24.1	1973
1974	8.50	4.28	3.47	4.58	122	40.1	30.6	15.9	11.0	37.2	22.4	8.49	25.7	1974
1975	6.23	5.00	4.43	10.7	88.3	57.6	10.7	4.26	2.28	14.5	28.7	9.82	19.9	1975
1976	8.14	3.46	3.15	85.6	49.0	25.3	11.6	8.88	3.47	4.12	2.97	2.12	18.8	1976
1977	1.87	1.77	3.05	101	84.1	18.3	38.0	11.6	32.9	40.4	20.3	8.09	27.6	1977
1978	4.47	3.07	2.33	5.28	85.6	71.1	18.3	5.33	3.28	5.01	4.01	2.71	18.2	1978
1979	2.18	1.83	2.03	27.1	102	38.5	10.8	9.50	14.5	25.8	34.4	10.6	23.4	1979
1980	5.45	3.84	3.09	40.9	85.4	25.9	9.43	5.83	12.8	22.1	13.8	5.91	20.1	1980
1981	3.30	2.88	4.77	42.4	82.1	28.5	7.88	1.75	1.08	2.60	4.08	3.13	13.8	1981
1982	2.09	1.70	1.84	8.08	113	31.1	48.7	7.21	18.9	43.0	26.8	17.1	28.8	1982
1983	6.84	4.81	4.87	11.0	124	25.8	17.7	3.37	14.3	80.8	17.7	10.1	25.3	1983
1984	5.57	4.88	3.84	74.0	77.8	58.4	38.9	13.1	4.75	10.0	13.5	10.1	26.3	1984
1985	5.88	4.26	3.24	48.7	88.8	38.9	28.8	44.2	38.3	52.8	40.0	12.9	32.0	1985
1986	5.88	4.21	3.88	34.4	57.2	28.2	18.0	8.54	7.50	24.4	13.0	8.40	17.8	1986
1987	3.59	3.03	3.56	34.8	20.2	12.3	7.88	10.8	9.18	28.8	20.8	11.8	13.8	1987
1988	5.20	3.28	3.12	38.9	88.8	40.3	15.3	32.7	26.3	27.2	44.3	18.1	28.7	1988
MEAN	4.90	3.84	3.37	33.8	81.4	35.3	22.1	12.4	13.8	28.4	20.2	9.35	22.3	MEAN

LOCATION - LAT 49 48 00 N
LONG 85 14 00 W

DRAINAGE AREA, 2 020 km²
NATURAL FLOW

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---				
1969	176 AT 03:00 EST ON MAY 6	128 ON APR 24 176 ON MAY 6	1.87 B ON MAR 17 4.05 B ON MAR 31	740 000 854 000	1968 1969
1970	195 AT 19:51 EST ON MAY 1	192 ON MAY 1	2.08 ON AUG 28	637 000	1970
1971	143 AT 10:42 EST ON MAY 27	142 ON MAY 27	2.48 B ON APR 6	758 000	1971
1972	195 AT 08:08 EST ON MAY 4	194 ON MAY 4	3.03 B ON MAR 18	830 000	1972
1973	169 AT 17:00 EST ON APR 23	168 ON APR 23	3.08 B ON FEB 27	759 000	1973
1974	185 AT 08:40 EST ON MAY 18	185 ON MAY 18	3.11 B ON APR 1	812 000	1974
1975	197 AT 11:52 EST ON MAY 6	196 ON MAY 6	2.12 ON SEP 6	829 000	1975
1976	260 AT 12:48 EST ON APR 23 *	259 ON APR 23	1.87 B ON DEC 30	632 000	1976
1977	---	261 E ON APR 23 *	1.78 B ON FEB 19	867 000	1977
1978	178 AT 13:51 EST ON MAY 15	178 ON MAY 15	2.10 B ON MAR 30	674 000	1978
1979	188 AT 14:17 EST ON MAY 12	184 ON MAY 12	1.87 B ON MAR 14	737 000	1979
1980	---	232 E ON MAY 4	2.85 B ON MAR 30	838 000	1980
1981	113 AT 08:12 EST ON MAY 6	111 ON MAY 6	0.930 ON SEP 24 *	435 000	1981
1982	224 AT 20:04 EST ON MAY 7	222 ON MAY 7	1.55 B ON MAR 13	638 000	1982
1983	---	172 B ON MAY 4	1.80 ON AUG 24	798 000	1983
1984	189 AT 22:28 EST ON APR 28	185 ON APR 28	2.90 B ON MAR 18	831 000	1984
1985	---	218 E ON APR 28	2.72 B ON APR 10	1 010 000	1985
1986	114 AT 02:01 EST ON MAY 7	113 ON MAY 7	3.80 B ON MAR 11	884 000	1986
1987	85.4 AT 14:44 EST ON APR 21	84.6 ON APR 21	3.00 B ON FEB 15	437 000	1987
1988	---	176 ON MAY 4	2.93 B ON MAR 23	907 000	1988
				703 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	5.53	0.885	1.05	0.170	0.084	0.018	0	0	1.87	2.09	---	1973
1974	3.32	2.01	3.80	2.38	2.88	0.238	0.029	0	0	0	0.503	0.880	1.32	1974
1975	3.51	2.83	4.15	3.88	0.334	0.738	0.025	0.106	0.203	0.038	0.212	1.48	1.48	1975
1976	1.20	7.91	4.87	2.15	1.30	0.212	2.09	1.09	0.588	0.488	3.48	0.358	2.02	1976
1977	0.185	0.265	7.84	1.48	0.188	0.036	0.410	0.003	0.888	0.780	1.83	5.48	1.88	1977
1978	0.339	0.293	4.84	5.83	0.729	0.158	0.008	0.001	0.083	0.388	0.169	0.801	1.12	1978
1979	1.31	0.289	8.28	4.87	0.415	0.088	0.195	0.011	0	0.088	3.84	3.39	1.71	1979
1980	0.441	0.193	3.80	2.23	0.788	0.803	0.110	0.088	0.018	1.08	0.180	1.32	0.818	1980
1981	0.108	8.50	1.45	1.23	1.08	0.332	0.024	0.233	2.87	3.82	1.73	1.38	1.87	1981
1982	1.85	0.248	7.23	2.20	0.247	0.518	0.022	0.088	0.087	0.344	2.88	4.14	1.83	1982
1983	0.807	2.22	1.00	1.70	2.22	0.847	0.195	0.334	0.218	0.081	1.04	2.58	1.10	1983
1984	0.170	4.03	2.87	1.87	0.882	1.85	0.188	0.038	1.38	0.852	2.07	2.78	1.47	1984
1985	1.38	5.26	8.05	2.32	0.188	0.258	0.188	0.054	0.808	1.08	3.78	1.58	1.88	1985
1986	2.24	1.02	4.50	1.51	0.888	0.829	0.205	0.144	4.85	2.84	0.830	2.38	1.83	1986
1987	0.878	0.185	3.34	1.83	0.170	0.145	0.042	0.008	0.005	0.830	2.78	4.88	1.38	1987
1988	0.882	1.80	3.28	0.828	0.238	0.022	0	0.008	0	1.34	3.38	1.80	1.07	1988
MEAN	1.21	2.32	4.48	2.31	0.838	0.434	0.238	0.138	0.734	0.818	1.78	2.31	1.47	MEAN

LOCATION - LAT 43 08 48 N
LONG 81 37 54 W

DRAINAGE AREA, 110 km²
NATURAL FLOW

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	28.2 AT 18:59 EST ON MAR 11	18.3 ON DEC 27	0 ON AUG 8 *	---	1973
1974	38.2 AT 05:44 EST ON MAR 5	28.2 ON MAR 5	0 ON JUL 18	41 800	1974
1975	34.5 AT 10:13 EST ON APR 19	27.7 ON APR 19	0 ON JUL 27	45 800	1975
1976	---	28.3E ON MAR 4	0.004 ON SEP 8	53 700	1976
1977	---	32.0A ON MAR 13	0 A ON JUN 27	50 000	1977
1978	31.1 AT 20:36 EST ON APR 1	25.6 ON APR 1	0 ON JUL 12	35 400	1978
1979	44.5 AT 01:53 EST ON APR 14 *	36.8 ON APR 14 *	0 ON AUG 15	53 900	1979
1980	26.5 AT 15:28 EST ON MAR 21	20.6 ON MAR 21	0 ON AUG 27	29 000	1980
1981	30.7 AT 01:39 EST ON SEP 2	26.0 ON FEB 23	0.005 ON AUG 26	52 500	1981
1982	26.8 AT 04:58 EST ON MAR 31	23.1 ON MAR 31	0.005 ON AUG 1	51 300	1982
1983	17.7 AT 02:32 EST ON DEC 13	12.8 ON DEC 13	0.012 ON JUL 27	34 800	1983
1984	---	26.0B ON FEB 14	0.015 ON AUG 17	46 400	1984
1985	---	30.0B ON FEB 24	0.010 ON AUG 14	59 400	1985
1986	34.8 AT 15:53 EST ON SEP 11	26.5 ON SEP 12	0.021 ON AUG 22	57 800	1986
1987	26.7 AT 03:44 EST ON NOV 26	23.6 ON NOV 26	0 ON AUG 1	40 400	1987
1988	---	13.0E ON NOV 13	0 ON JUN 18	33 800	1988
				46 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	0.315	0	0.027	0	0	0	0.034	---	1953
1954	0.824	7.32	4.57	2.51	0.080	0	0	0	0	5.05	1.46	3.08	2.13	1954
1955	2.30	1.73	4.61	0.845	0.009	0	0	0	0	0	0.045	0.280	0.801	1955
1956	0.174	0.878	7.59	1.61	3.85	0.058	0.028	1.27	0.822	0.137	0.123	2.20	1.59	1956
1957	2.62	3.14	1.55	1.52	0.837	0.086	0.017	0	0.003	0.084	1.02	3.82	1.20	1957
1958	0.288	0.488	3.15	0.326	0.032	0.004	0.087	0	0.024	0.005	0.227	0.055	0.383	1958
1959	0.810	2.18	11.8	2.26	0.898	0.058	0.031	0.010	0.022	0.745	1.88	3.02	1.97	1959
1960	1.18	1.00	8.52	4.89	2.08	1.14	0.032	0.001	0	0	0	0.018	1.41	1960
1961	0.028	2.80	1.23	1.48	1.11	0.048	0.177	0.288	0.057	0.034	0.542	0.432	0.668	1961
1962	0.111	0.228	3.88	0.551	0.181	0.051	0.001	0.004	0	0.188	2.72	1.53	0.777	1962
1963	0.102	0.028	5.83	0.573	0.887	0.078	0.005	0	0	0	0	0	0.624	1963
1964	1.38	0.840	2.40	1.58	0.236	0.012	0.002	0.487	0.087	0.048	0.040	1.21	0.687	1964
1965	0.865	3.17	1.85	3.24	0.181	0.023	0.008	0.010	0.007	0.231	1.42	5.08	1.34	1965
1966	0.842	2.34	3.04	1.82	0.878	1.48	0.042	0.108	0.017	0.047	2.21	5.87	1.48	1966
1967	1.76	1.08	4.88	4.13	0.844	1.24	0.482	0.788	0.058	---	---	---	---	1967
MEAN	0.934	1.85	4.50	1.94	0.835	0.305	0.081	0.185	0.072	0.540	0.818	1.90	1.18	MEAN

LOCATION - LAT 43 10 11 N, LONG 81 41 00 W
DRAINAGE AREA, 124 km^2
NATURAL FLOW

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	72.5 E ON OCT 18	0 B ON JAN 1 *	67 100	1954
1955	---	20.2 ON MAR 1	0 ON JAN 31	25 200	1955
1956	---	59.5 B ON MAR 7	0 ON JUN 13	50 300	1956
1957	---	37.1 ON DEC 21	0 ON JUL 18	37 800	1957
1958	---	13.0 ON MAR 1	0 ON MAY 18	12 400	1958
1959	---	30.0 ON MAR 16	0 ON JUL 10	82 300	1959
1960	158 AT 23:00 EST ON MAR 30 *	83.7 ON MAR 31 *	0 ON AUG 8	44 800	1960
1961	31.4 AT 02:30 EST ON FEB 24	23.6 ON FEB 24	0.008 ON SEP 18	21 000	1961
1962	48.8 AT 21:00 EST ON NOV 10	20.1 ON NOV 11	0 ON JUL 8	24 500	1962
1963	37.4B AT 03:00 EST ON MAR 25	28.8 B ON MAR 25	0 ON JUL 13	18 700	1963
1964	14.8 AT 21:00 EST ON DEC 25	9.83 ON APR 7	0 ON JAN 1	22 000	1964
1965	83.1 AT 15:00 EST ON DEC 25	37.1 ON DEC 25	0.003 ON JUL 21	42 300	1965
1966	91.2 AT 08:00 EST ON DEC 7	73.8 ON DEC 7	0.008 ON JUL 21	47 100	1966
1967	109 AT 07:00 EST ON APR 3	48.7 ON APR 3	---	---	1967
				38 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKS CREEK NEAR LATTA - STATION NO. 02HL006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	1.44	---	1984
1985	1.77	2.40	9.05	7.85	2.45	1.10	0.285	0.145	0.581	0.894	5.30	2.61	2.88	1985
1986	2.58	2.42	5.87	5.05	2.29	1.38	0.353	0.228	0.858	2.21	3.08	3.81	2.44	1986
1987	2.46	1.13	5.24	6.73	2.10	0.946	0.338	0.142	0.272	0.548	1.46	4.81	2.33	1987
1988	2.51	2.71	5.34	6.31	2.31	0.830	0.270	0.117	0.122	0.381	0.933	0.868	1.87	1988
MEAN	2.33	2.17	6.40	6.98	2.28	1.01	0.312	0.158	0.458	1.01	2.43	2.73	2.38	MEAN

LOCATION - LAT 44 17 07 N, LONG 77 19 25 W
DRAINAGE AREA, 205 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 1984

PARKS CREEK NEAR LATTA - STATION NO. 02HL008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	16.3 AT 10:21 EST ON MAR 15	15.8 ON MAR 14	0.073 ON AUG 12	80 900	1985
1986	---	13.0B ON MAR 28	0.118 ON AUG 22	77 100	1986
1987	19.3E AT 12:33 EST ON APR 8 *	15.8E ON APR 8	0.072 ON AUG 21	73 600	1987
1988	---	24.8 ON MAR 27 *	0.043E ON AUG 22 *	88 100	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		78 200	MEAN

PARKS CREEK NEAR LATTA - STATION NO. 02HL103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.84	---	---	1968
1969	---	---	5.06	7.64	5.74	2.80	1.38	0.816	0.229	0.207	0.867	2.08	---	1969
1970	---	---	---	5.05	3.04	0.875	0.588	0.218	0.175	0.505	2.38	2.20	---	1970
1971	1.82	2.02	3.38	17.2	4.55	1.41	0.485	0.158	0.343	0.585	0.871	2.52	2.92	1971
1972	2.48	2.14	2.88	13.1	5.40	2.58	1.84	1.0*	0.474	1.98	4.42	5.85	3.88	1972
1973	5.52	4.81	11.2	7.10	3.68	1.86	0.380	0.198	0.128	0.277	1.11	2.43	3.23	1973
1974	5.42	3.54	7.61	10.7	6.07	2.13	0.729	0.226	0.108	0.226	0.720	1.55	3.24	1974
1975	1.71	2.84	8.11	8.42	3.85	1.78	0.288	0.038	0.075	0.188	0.690	2.88	2.82	1975
1976	3.83	7.29	13.6	8.48	3.87	1.80	0.826	0.293	0.210	0.583	0.908	---	---	1976
1977	---	---	---	7.36	2.62	0.803	0.180	---	---	---	---	---	---	1977
MEAN	3.43	3.76	7.39	10.0	4.30	1.74	0.728	0.372	0.218	0.571	1.52	2.78	3.13	MEAN

LOCATION - LAT 44 17 05 N, LONG 77 18 30 W DRAINAGE AREA, 198 km^2, NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

PARKS CREEK NEAR LATTA - STATION NO. 02HL103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	15.6 ON MAR 25	---	---	1969
1970	13.1 AT 21:00 EST ON APR 10	---	---	---	1970
1971	36.4E AT 07:00 EST ON APR 14 *	34.5E ON APR 14 *	0.057 ON AUG 23	92 100	1971
1972	23.8E AT 23:05 EST ON APR 15	22.9E ON APR 17	0.248 ON SEP 23	116 000	1972
1973	21.0 AT 05:12 EST ON MAR 18	20.8 ON MAR 18	0.025 ON SEP 18	102 000	1973
1974	---	27.5 ON APR 5	0.034 ON SEP 23	102 000	1974
1975	22.1 AT 03:42 EST ON MAR 23	21.2 ON MAR 23	0 ON AUG 20 *	82 500	1975
1976	28.8 AT 01:18 EST ON MAR 28	27.8 ON MAR 28	0.057 ON AUG 31	---	1976
1977	---	24.1 ON MAR 18	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		98 900	MEAN

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	48.1	38.6	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	34.0	41.4	---	---	---	---	1970
1971	---	---	---	---	---	43.0	33.6	24.1	16.3	21.2	---	---	---	1971
1972	---	---	---	---	---	---	21.1	18.1	22.4	---	27.5	---	---	1972
1973	---	14.3	12.7	12.4	18.9	22.4	28.4	---	36.8	30.2	28.2	---	---	1973
1974	15.8	12.7	8.59	8.24	20.1	42.2	36.2	30.2	27.7	23.6	19.2	15.8	21.8	1974
1975	15.7	14.7	14.3	14.7	27.1	36.1	28.3	22.8	27.2	30.7	30.7	30.4	24.5	1975
1980	25.4	21.8	15.8	13.6	20.0	17.4	10.9	8.28	7.20	8.51	12.4	11.4	14.3	1980
1981	10.2	8.72	8.01	8.17	10.7	14.7	13.8	8.20	8.20	4.28	4.38	4.48	8.41	1981
1982	4.15	3.88	4.07	4.38	12.4	25.1	21.3	14.1	10.1	10.3	13.9	13.5	11.5	1982
1983	12.0	10.5	9.90	8.81	10.8	12.5	---	---	---	---	---	---	---	1983
MEAN	14.0	12.4	10.8	10.0	17.3	26.7	27.1	21.8	21.8	18.4	19.8	15.1	18.1	MEAN

LOCATION - LAT 51 02 03 N, LONG 90 12 04 W DRAINAGE AREA, 2 230 km^2, NATURAL FLOW

REMARKS - DISCONTINUED JUN 30 1983

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	51.3 AT 18:38 EST ON JUN 18 *	48.4 ON JUN 18 *	5.17E ON JAN 28	687 000	1974
1975	40.8 AT 20:54 EST ON JUN 1	38.9 ON JUN 2	13.7 ON APR 12	773 000	1975
1976	---	30.1 ON JAN 2	5.21 ON AUG 13	451 000	1976
1977	20.6 AT 17:35 EST ON JUN 18	17.3 ON JUN 18	4.10 ON OCT 8	285 000	1977
1978	29.0 AT 18:38 EST ON JUN 28	27.1 ON JUN 28	3.73E ON MAR 10 *	362 000	1978
1979	---	14.0E ON JUN 30	8.18 ON APR 24	---	1979
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		508 000	MEAN

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.235	0.242	0.225	---	1963
1964	0.283	0.319	0.705	0.883	0.688	0.325	0.287	0.502	0.344	0.287	0.282	0.484	0.445	1964
1965	0.550	0.888	1.55	1.50	0.808	0.427	0.342	0.341	0.341	0.488	0.590	0.898	0.732	1965
1966	0.841	0.809	1.12	0.887	0.638	0.489	0.281	0.268	0.284	0.255	0.354	0.795	0.584	1966
1967	0.704	0.567	0.718	1.10	0.806	0.503	0.360	0.295	0.289	0.278	0.378	0.538	0.542	1967
1968	0.488	1.03	0.851	0.735	0.564	0.809	0.434	0.304	0.387	0.310	0.477	0.858	0.586	1968
1969	1.13	0.778	0.621	1.37	1.14	0.789	0.427	0.331	0.310	0.319	0.425	0.524	0.674	1969
1970	0.433	0.526	0.848	1.03	---	---	---	---	---	---	0.550	0.842	---	1970
1971	0.541	0.758	1.25	0.937	0.581	0.298	0.220	0.215	0.240	0.245	0.278	0.418	0.485	1971
1972	0.445	0.337	1.36	1.11	0.775	0.524	0.458	0.340	0.315	0.322	0.425	0.840	0.588	1972
1973	0.783	0.885	1.85	1.05	0.744	0.539	0.384	0.267	0.257	0.306	0.595	0.678	0.660	1973
1974	1.08	1.01	1.36	1.12	1.07	0.724	0.485	0.393	0.389	0.378	0.483	0.578	0.752	1974
1975	0.588	0.805	1.11	0.952	0.857	0.855	0.403	0.385	0.507	0.471	0.583	0.820	0.687	1975
1976	0.726	1.85	2.42	1.42	1.33	0.674	0.617	0.493	0.418	0.408	0.420	0.281	0.912	1976
1977	0.338	0.361	1.28	1.09	0.851	0.474	0.357	0.335	0.904	1.00	0.845	1.46	0.780	1977
1978	0.888	0.712	1.87	1.74	1.10	0.603	0.374	0.367	0.381	0.435	0.457	0.555	0.771	1978
1979	0.751	0.852	1.52	1.58	0.866	0.579	0.373	0.359	0.344	0.410	0.638	1.01	0.775	1979
1980	0.931	0.588	1.08	1.49	0.935	0.731	0.488	0.441	0.634	0.538	0.528	0.845	0.749	1980
1981	0.450	1.28	0.923	0.875	0.740	0.570	0.495	0.409	0.828	0.834	0.830	0.578	0.878	1981
1982	0.622	0.498	1.87	1.60	0.887	1.21	0.802	0.445	0.423	0.482	0.888	1.35	0.914	1982
1983	0.888	1.10	0.918	1.15	1.38	0.817	0.554	0.886	0.534	0.518	0.582	1.09	0.877	1983
1984	0.894	1.70	1.38	1.72	1.34	1.05	0.682	0.518	0.835	0.475	0.585	0.720	0.958	1984
1985	0.893	1.28	2.05	1.58	0.811	0.715	0.482	0.501	0.807	0.825	1.88	1.25	1.04	1985
1986	0.878	0.858	1.58	1.17	0.854	0.727	0.543	0.484	0.481	0.887	0.788	1.26	0.887	1986
1987	0.984	0.702	1.04	1.27	0.874	0.488	0.375	0.378	0.344	0.337	0.488	0.788	0.850	1987
1988	0.585	0.748	0.814	0.717	0.533	0.308	0.410	0.428	0.383	0.408	0.888	0.824	0.647	1988
MEAN	0.701	0.828	1.27	1.21	0.884	0.618	0.432	0.403	0.428	0.441	0.578	0.784	0.717	MEAN

LOCATION - LAT 43 51 13 N DRAINAGE AREA, 51.3 km^2
LONG 80 18 41 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	2.25 AT 23:30 EST ON AUG 23	1.72 ON MAR 26	0.178 ON JUL 29	14 100	1964
1965	13.5 E AT 21:00 EST ON MAR 5 *	8.89E ON MAR 5 *	0.283 ON JAN 23	23 100	1965
1966	2.41 AT 05:00 EST ON FEB 11	2.04 ON FEB 11	0.178 ON JUL 28	17 800	1966
1967	2.00 AT 21:00 EST ON APR 5	1.75 ON APR 5	0.224 ON AUG 2	17 100	1967
1968	5.09 AT 11:45 EST ON FEB 2	5.18 ON FEB 2	0.204 ON JUL 31	17 800	1968
1969	5.85 AT 16:27 EST ON JAN 30	5.89 ON JAN 30	0.284 ON AUG 30	21 400	1969
1970	---	---	---	---	1970
1971	4.70 AT 17:21 EST ON FEB 27	3.26 ON FEB 27	0.170 ON AUG 7 *	15 800	1971
1972	6.87 AT 01:36 EST ON MAR 2	4.78 ON MAR 2	0.280 ON OCT 20	18 800	1972
1973	3.48 AT 12:44 EST ON MAR 15	3.28 ON MAR 15	0.212 ON AUG 18	20 800	1973
1974	3.82 AT 08:53 EST ON MAR 5	3.40 ON MAR 5	0.320 ON AUG 25	23 700	1974
1975	2.80 AT 17:10 EST ON FEB 24	2.37 ON FEB 24	0.280 ON AUG 1	21 000	1975
1976	---	4.88 ON MAR 8	0.354B ON DEC 31	28 900	1976
1977	4.73 AT 10:51 EST ON SEP 28	3.71 ON SEP 28	0.238 ON JUL 28	24 000	1977
1978	5.36 AT 18:18 EST ON MAR 21	4.67 ON MAR 23	0.289 ON JUL 18	24 300	1978
1979	5.10 AT 16:38 EST ON MAR 4	4.53 ON MAR 5	0.288 ON JUL 24	24 500	1979
1980	4.88 AT 17:48 EST ON MAR 21	3.42 ON MAR 22	0.335 ON JUL 21	23 700	1980
1981	4.83 AT 10:50 EST ON FEB 11	2.81 ON FEB 11	0.324 ON JUL 18	21 400	1981
1982	6.80 AT 18:21 EST ON MAR 13	4.87 ON MAR 14	0.330 ON SEP 11	28 800	1982
1983	3.48 AT 09:28 EST ON FEB 3	2.88 ON FEB 3	0.327 ON JUL 28	27 700	1983
1984	5.40 AT 05:05 EST ON FEB 14	5.18 ON FEB 14	0.400 ON AUG 28	30 200	1984
1985	5.81 AT 18:38 EST ON FEB 24	5.54 ON FEB 24	0.301 ON AUG 3	32 700	1985
1986	4.77 AT 01:37 EST ON MAR 11	3.98 ON MAR 11	0.368 ON SEP 7	28 300	1986
1987	2.82 AT 11:33 EST ON APR 5	2.81 ON APR 6	0.288 ON JUL 28	20 800	1987
1988	---	1.93 ON FEB 23	0.171 ON JUL 7	17 300	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		22 800	MEAN

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	3.72	3.43	0.314	0.188	0.187	0.386	1.84	1.43	0.436	---	1976
1977	0.234	0.278	15.8	2.15	0.488	0.211	0.184	0.227	0.321	2.05	2.31	2.84	2.27	1977
1978	5.81	2.02	3.62	20.3	0.837	0.348	0.109	0.081	0.053	0.094	0.177	0.288	2.80	1978
1979	---	---	---	3.95	0.790	0.188	0.028	0.089	3.06	1.27	2.37	3.18	---	1979
1980	0.281	0.025	3.78	4.40	0.849	0.089	0.038	0.030	0.185	0.586	1.46	1.95	1.14	1980
1981	0.134	7.87	1.22	1.38	1.18	1.47	0.258	1.12	1.32	2.84	2.88	0.823	1.80	1981
1982	0.482	0.180	5.42	7.10	0.427	0.088	0.023	0.084	0.083	0.141	1.15	3.88	1.58	1982
1983	1.18	1.33	4.88	5.44	3.26	0.347	0.089	0.041	0.007	0.123	2.31	3.87	1.88	1983
1984	0.462	4.26	2.95	8.73	1.71	0.288	0.107	0.189	0.048	0.045	0.213	1.01	1.48	1984
1985	0.588	1.83	7.73	3.83	0.483	0.334	0.074	0.018	0.028	0.180	0.753	0.385	1.30	1985
1986	1.33	0.310	4.15	2.38	1.08	0.327	1.37	0.872	1.81	3.24	2.88	2.27	1.81	1986
1987	0.480	0.220	8.10	2.24	0.434	0.384	1.87	0.148	0.104	0.320	1.14	3.48	1.40	1987
1988	0.487	0.882	2.85	3.39	0.808	0.267	0.308	0.124	0.084	1.18	3.88	0.378	1.21	1988
MEAN	1.08	1.71	5.30	5.14	1.21	0.388	0.333	0.281	0.558	1.04	1.73	1.84	1.70	MEAN

LOCATION - LAT 45 11 30 N, LONG 75 08 20 W DRAINAGE AREA, 152 km² NATURAL FLOW

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---			
1977	112 AT 23:39 EST ON MAR 13 *	102 ON MAR 14 *	0.040 ON AUG 7	---	1976
1978	82.1 AT 21:51 EST ON APR 13	71.1 ON APR 14	0.078 ON JUL 28	71 500	1977
1979	52.9 AT 22:54 EST ON SEP 14	39.0 ON SEP 15	0.021 ON SEP 8	88 200	1978
1980	34.5 AT 21:52 EST ON APR 9	27.88 ON MAR 22	0.012 ON JUL 22	---	1979
1981	---	46.78 ON FEB 21	0.008 ON AUG 28	38 000	1980
1982	---	48.08 ON APR 1	0.088 ON AUG 3	88 700	1981
1983	22.2 AT 17:30 EST ON MAR 18	17.8 ON MAR 19	0.008 ON AUG 18	48 700	1982
1984	30.0 AT 20:38 EST ON APR 5	28.2 ON APR 8	0.003 ON SEP 14	58 700	1983
1985	---	25.48 ON MAR 13	0.018 ON AUG 8	46 700	1984
1986	23.7 AT 21:58 EST ON DEC 3	20.08 ON SEP 30	0.002 ON SEP 21 *	41 000	1985
1987	38.4 AT 05:00 EST ON MAR 26	34.1 ON MAR 26	0.101 ON JUN 23	57 200	1986
1988	---	21.18 ON MAR 26	0.033 ON AUG 27	44 000	1987
			0.011 ON JUN 21	38 200	1988
				53 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEPPERLAW BROOK NEAR UDORA - STATION NO. 02EC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	---	3.42	---	1969
1970	1.82	1.63	4.85	8.33	2.40	1.11	1.70	1.21	1.88	1.87	2.47	1.87	2.88	1970
1971	1.87	2.00	3.20	8.30	2.02	1.88	1.73	1.28	1.80	1.42	1.72	2.82	2.83	1971
1972	2.13	1.80	2.00	12.8	3.42	2.81	1.38	1.38	1.04	2.80	3.24	3.35	3.02	1972
1973	4.84	2.88	8.89	5.08	3.17	1.80	1.10	1.30	1.03	1.72	3.31	2.44	3.11	1973
1974	2.98	2.17	7.31	8.28	---	1.48	2.28	---	---	3.08	3.83	2.43	---	1974
1975	2.43	7.31	7.88	8.03	3.79	1.38	1.07	0.818	1.28	1.24	---	2.83	---	1975
1976	---	---	---	4.88	3.38	1.48	2.03	2.08	2.22	2.48	2.08	2.38	---	1976
1977	1.34	1.17	13.8	3.28	1.81	1.18	1.23	3.02	2.38	3.43	3.88	4.88	3.40	1977
1978	---	---	---	18.0	3.78	1.73	1.08	1.41	1.83	2.22	2.30	2.40	---	1978
1979	---	---	---	5.18	3.81	1.81	1.39	1.88	1.44	2.48	2.78	4.08	---	1979
1980	2.88	1.78	13.8	8.48	2.73	1.88	3.88	1.87	2.34	2.78	2.82	3.18	3.82	1980
1981	1.83	12.7	3.34	3.84	3.14	1.82	1.38	1.88	2.34	2.88	3.37	2.72	3.38	1981
1982	2.87	1.78	8.27	11.8	2.81	2.81	1.84	1.80	2.17	2.80	4.83	5.33	4.01	1982
1983	2.88	5.88	4.28	4.83	4.82	1.74	1.04	1.84	1.38	3.02	3.80	3.82	3.08	1983
1984	3.02	11.4	8.12	8.50	3.82	1.87	1.18	1.38	2.00	1.87	2.88	3.08	3.83	1984
1985	2.31	3.43	7.88	8.84	2.72	1.80	1.88	1.83	2.27	2.87	8.27	2.98	3.35	1985
1986	3.98	3.88	10.8	3.88	3.01	2.38	1.87	3.08	4.48	4.03	2.88	3.28	3.88	1986
MEAN	2.88	4.24	7.43	7.23	2.88	1.82	1.83	1.88	1.98	2.38	3.18	3.08	3.34	MEAN

LOCATION - LAT 44 18 04 N, LONG 78 11 42 W DRAINAGE AREA, 332 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - BEGINNING 1987, DATA PUBLISHED UNDER STATION NUMBER 02EC018

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	22.4E AT 14:30 EST ON APR 10	22.1E ON APR 10	0.821 ON AUG 28	81 800	1970
1971	20.1 AT 20:00 EST ON APR 5	18.5 ON APR 5	0.881 ON AUG 21	78 900	1971
1972	---	53.6E ON APR 14	0.804 ON SEP 22	85 400	1972
1973	21.2 AT 07:00 EST ON MAR 6	20.7 ON MAR 6	0.882 ON JUL 19	98 100	1973
1974	43.8 AT 15:06 EST ON MAR 6	42.8 ON MAR 6	0.858 ON JUL 19	---	1974
1975	48.1 AT 03:55 EST ON FEB 26	48.7 ON FEB 26	---	---	1975
1976	---	---	0.872 ON JUN 13	---	1976
1977	55.5 AT 00:30 EST ON MAR 12	50.7 ON MAR 12	0.808 ON JUL 28 *	107 000	1977
1978	36.2 AT 02:06 EST ON APR 9	34.6 ON APR 9	---	---	1978
1979	---	---	0.907 ON JUL 23	---	1979
1980	---	85.1 ON MAR 22 *	1.02 ON JUL 18	121 000	1980
1981	70.6 AT 01:14 EST ON FEB 21	65.0 ON FEB 21	0.884 ON JUL 17	107 000	1981
1982	66.6 AT 22:48 EST ON APR 1	58.0 ON APR 1	0.980 ON AUG 16	126 000	1982
1983	21.3 AT 15:30 EST ON FEB 5	18.7 ON FEB 5	0.753 ON JUL 26	87 500	1983
1984	72.5 AT 05:07 EST ON FEB 16 *	65.0 ON FEB 16	0.853 ON JUL 14	121 000	1984
1985	14.4 AT 07:18 EST ON APR 7	14.0 ON APR 7	0.848 ON AUG 6	105 000	1985
1986	---	28.0E ON MAR 23	1.04 ON JUL 12	125 000	1986
				105 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	5.21	1.44	1.12	3.18	1.47	0.949	2.30	3.73	4.31	---	1987
1988	2.80	2.69	5.31	4.89	3.05	1.48	1.27	1.30	1.73	2.18	2.88	1.81	2.65	1988
MEAN	2.80	2.69	5.31	4.85	2.25	1.30	2.22	1.39	1.34	2.23	3.35	2.95	2.65	MEAN

LOCATION - LAT 44 18 04 N LONG 79 11 42 W DRAINAGE AREA, 332 km^2

REMARKS - PRIOR TO 1987, DATA CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AS STA. NO. 02EC103

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	18.4 AT 10:58 EST ON APR 7 *	15.7 ON APR 7	---	---	1987
1988	---	18.4 ON MAR 28 *	0.880 ON JUL 5 *	80 800	1988
				80 800	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	0.013	0.008	---	1987
1988	0.003	0.003	0.018	0.023	0.008	0.008	0.003	0	0.003	0.002	0.003	0.002	0.005	1988
1989	0.002	0.002	0.008	0.028	0.021	0.008	0.001	0.008	0.002	0.005	0.014	0.004	0.008	1989
1990	0.001	0.001	0.002	0.029	0.018	0.007	0.009	0	0.001	0.005	0.007	0.003	0.007	1990
1991	0.002	0.002	0.005	0.037	0.013	0.003	0	0	0	0	0	0.002	0.005	1991
1992	0.001	0.001	0.002	0.031	0.014	0.008	0.008	0.007	0.005	0.008	0.012	0.005	0.008	1992
1993	0.005	0.003	0.014	0.025	0.013	0.025	0.003	0.004	0.003	0.005	0.008	0.007	0.010	1993
1994	0.004	0.003	0.005	0.038	0.027	0.007	0.003	0.002	0.002	0.003	0.008	0.005	0.009	1994
1995	0.004	0.003	0.008	0.035	0.008	0.005	0	0	0	0.003	0.002	0.004	0.005	1995
1996	0.001	0.001	0.014	0.034	0.013	0.003	0.001	0.001	0.001	0.002	0.004	0.002	0.008	1996
1997	0.001	0.001	0.018	0.017	0.004	0.001	0	0	0.001	0.003	0.005	0.006	0.005	1997
1998	0.004	0.002	0.001	0.020	0.007	0.003	0	0.001	0.001	0.003	0.003	0.002	0.004	1998
1999	0.004	0.008	0.018	0.037	0.018	0.004	0.001	0	0.001	0.007	0.008	0.005	0.009	1999
2000	0.001	0	0.005	0.021	0.011	0.007	0.008	0.003	0.003	0.012	0.008	0.004	0.007	2000
2001	0.003	0.018	0.017	0.019	0.010	0.004	0.001	0.001	0.008	0.008	0.008	0.005	0.008	2001
2002	0.003	0.007	0.010	0.034	0.008	0.012	0.001	0	0.002	0.004	0.008	0.013	0.008	2002
2003	0.003	0.004	0.020	0.033	0.033	0.008	0	0	0.001	0.004	0.008	0.003	0.010	2003
2004	0.002	0.006	0.008	0.035	0.018	0.005	0.008	0	0.001	0.003	0.008	0.005	0.008	2004
2005	0.002	0.004	0.014	0.043	0.013	0.003	0.002	0	0	0.003	0.004	0.002	0.008	2005
2006	0.001	0	0.010	0.023	0.018	0.010	0.001	0.001	0.001	0.004	0.002	0.002	0.008	2006
2007	0.002	0.001	0.014	0.022	0.008	0.004	0	0	0	0.004	0.002	0.003	0.005	2007
2008	0.001	0.001	0.003	---	---	---	---	---	---	---	---	---	---	2008
MEAN	0.002	0.003	0.010	0.029	0.014	0.007	0.002	0.001	0.002	0.004	0.005	0.004	0.007	MEAN

LOCATION - LAT 46 02 10 N LONG 77 22 46 W DRAINAGE AREA, .93 km^2 NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.158 AT 15:30 EST ON MAR 29	0.105 ON MAR 29	0 B ON JAN 11 *	198	1968
1969	0.125 AT 03:25 EST ON AUG 19	0.071 ON MAY 19	0 ON JUL 9	289	1969
1970	0.127 AT 20:10 EST ON APR 14	0.082 ON APR 14	0 ON JAN 22	217	1970
1971	0.113 AT 01:40 EST ON APR 22	0.082 ON APR 21	0 ON JUN 18	171	1971
1972	0.110 AT 21:05 EST ON APR 24	0.079 ON APR 25	0.001 ON JAN 1	289	1972
1973	0.343E AT 19:15 EST ON JUN 11 *	0.170E ON JUN 11 *	0.001 ON JUL 17	301	1973
1974	0.118 AT 16:56 EST ON MAY 12	0.091 ON APR 17	0 ON AUG 21	285	1974
1975	0.113 AT 10:12 EST ON APR 19	0.088 ON APR 19	0 ON JUN 24	188	1975
1976	0.125 AT 18:21 EST ON APR 1	0.110 ON APR 1	0 ON JUL 19	201	1976
1977	0.071 AT 00:17 EST ON MAR 31	0.057 ON MAR 30	0 ON MAY 25	145	1977
1978	0.057 AT 20:38 EST ON APR 21	0.048 ON APR 21	0 ON JUN 23	122	1978
1979	0.100 AT 02:05 EST ON APR 3	0.082 ON APR 3	0 ON JUL 11	277	1979
1980	0.081 AT 22:33 EST ON JUL 28	0.041 ON APR 9	0 ON JAN 8	228	1980
1981	0.101 AT 15:07 EST ON MAR 30	0.078 ON MAR 30	0 ON JUL 11	251	1981
1982	0.117 AT 15:57 EST ON APR 16	0.096 ON APR 17	0 ON JUL 16	268	1982
1983	0.188 AT 22:31 EST ON MAY 7	0.128 ON MAR 19	0 ON JUL 10	301	1983
1984	0.153 AT 08:34 EST ON APR 6	0.128 ON APR 6	0 ON AUG 4	248	1984
1985	0.121 AT 12:42 EST ON APR 16	0.110 ON APR 16	0 ON AUG 4	236	1985
1986	0.098 AT 12:16 EST ON APR 1	0.0828 ON MAR 30	0 ON JAN 6	193	1986
1987	0.086 AT 15:29 EST ON APR 6	0.078 ON APR 6	0 ON JUN 19	180	1987
1988	---	---	0 ON JAN 10	---	1988
				224	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.044	0.022	---	1967
1968	0.010	0.004	0.041	0.095	0.028	0.023	0.024	0.003	0.018	0.008	0.013	0.008	0.023	1968
1969	0.008	0.009	0.018	0.081	0.087	0.024	0.009	0.038	0.013	0.020	0.055	0.018	0.032	1969
1970	0.004	0.002	0.008	0.097	0.078	0.027	0.038	0.001	0.004	0.018	0.021	0.013	0.028	1970
1971	0.008	0.008	0.012	0.131	0.078	0.016	0	0	0	0	0.003	0.007	0.022	1971
1972	0.004	0.003	0.008	0.101	0.080	0.040	0.037	0.042	0.028	0.043	0.048	0.021	0.028	1972
1973	0.021	0.018	0.085	0.201	0.063	0.122	0.033	0.030	0.015	0.024	0.028	0.028	0.053	1973
1974	0.013	0.010	0.018	0.171	0.128	0.028	0.008	0.011	0.005	0.008	0.044	0.014	0.038	1974
1975	0.010	0.007	0.014	0.118	0.051	0.027	0	0	0	0.010	0.008	0.007	0.020	1975
1976	0	0.001	0.022	0.164	0.084	0.013	0.005	0	0.003	0.003	0.004	0.004	0.026	1976
1977	0.001	0.001	0.040	0.085	0.017	0.003	0	0.001	0.005	0.015	0.026	0.021	0.018	1977
1978	0.014	0.009	0.005	0.135	0.055	0.020	0.005	0.008	0.005	0.017	0.010	0.009	0.026	1978
1979	0.012	0.011	0.042	0.188	0.085	0.018	0.005	0.001	0.004	0.045	0.032	0.021	0.037	1979
1980	0.003	0	0.031	0.118	0.049	0.027	0.038	0.014	0.018	0.050	0.027	0.021	0.033	1980
1981	0.012	0.004	0.078	0.130	0.057	0.022	0.002	0.004	0.043	0.033	0.018	0.013	0.039	1981
1982	0.007	0.008	0.013	0.113	0.029	0.048	0.002	0	0.011	0.018	0.027	0.036	0.028	1982
1983	0.014	0.010	0.080	0.121	0.148	0.027	0.001	0	0.002	0.014	0.029	0.013	0.038	1983
1984	0.008	0.014	0.018	0.140	0.052	0.015	0.018	0.001	0.003	0.008	0.027	0.023	0.027	1984
1985	---	---	---	---	---	---	---	---	---	0	0.004	0.010	0.005	---	1985
1986	0.003	0	0.018	0.084	0.048	0.028	0.003	0.004	0.003	0.010	0.004	0.008	0.018	1986
1987	0.005	0.004	0.032	0.091	0.022	0.013	0.004	0	0	0.008	0.004	0.012	0.017	1987
1988	0.004	0.001	0.007	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.008	0.009	0.027	0.126	0.064	0.028	0.012	0.008	0.008	0.018	0.023	0.018	0.029	MEAN

LOCATION - LAT 46 02 12 N, LONG 77 22 32 W
DRAINAGE AREA, 3.80 km^2
NATURAL FLOW

REMARKS - RECORDER INOPERATIVE JAN 8-AUG 16 86. DISCHARGES TO 4 SIGNIF FIG AVAIL. FROM REGNL OFC. STA DISCONT. APR 12 88

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	0.303 AT 23:00 EST ON MAR 30	0.266 ON MAR 31	0 ON JUL 27 *	721	1988
1989	0.366 AT 22:39 EST ON AUG 18	0.256 ON AUG 18	0 ON JUL 18	1 000	1989
1970	0.422 AT 18:06 EST ON MAY 12	0.269 ON MAY 12	0 ON AUG 7	820	1970
1971	0.317 AT 15:45 EST ON APR 29	0.269 ON APR 29	0 ON JUN 30	683	1971
1972	0.377 AT 20:00 EST ON MAY 1	0.348 ON MAY 1	0.003 ON JAN 18	1 220	1972
1973	0.467 AT 04:41 EST ON JUN 12	0.388 ON JUN 12	0.002 ON SEP 9	1 680	1973
1974	0.476 AT 05:14 EST ON APR 15	0.381 ON APR 24	0 ON JUL 22	1 180	1974
1975	0.351 AT 21:34 EST ON APR 23	0.340 ON APR 24	0 ON JUN 25	848	1975
1976	0.413 AT 18:55 EST ON APR 5	0.3578 ON APR 5	0 E ON JAN 11	808	1976
1977	0.228 AT 14:17 EST ON MAR 31	0.204 ON MAR 31	0 ON MAY 26	611	1977
1978	0.388 AT 01:05 EST ON APR 23	0.348 ON APR 22	0 ON JUL 4	781	1978
1979	0.271 AT 20:27 EST ON APR 14	0.281E ON APR 28	0 ON JUL 13	1 170	1979
1980	0.238 AT 23:13 EST ON APR 9	0.214 ON APR 10	0 ON FEB 6	1 050	1980
1981	0.414 AT 15:53 EST ON MAR 30	0.378 ON MAR 31	0 ON JUL 15	1 230	1981
1982	0.286 AT 20:13 EST ON APR 17	0.273 ON APR 17	0 ON JUL 17	812	1982
1983	0.478 AT 01:57 EST ON MAY 8 *	0.437 ON MAY 8 *	0 ON JUL 12	1 130	1983
1984	0.317 AT 08:08 EST ON APR 6	0.301 ON APR 6	0 ON AUG 9	884	1984
1985	---	---	---	88.5	1985
1986	0.247 AT 04:05 EST ON APR 2	0.233 ON APR 2	0 ON FEB 3	657	1986
1987	0.295 AT 20:55 EST ON APR 6	0.265 ON APR 5	0 ON JUN 23	522	1987
1988	---	---	0 ON FEB 9	---	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		877	MEAN

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	0.007	0.006	---	1987
1988	0.001	0.001	0.005	0.014	0.006	0.005	0.002	0	0.001	0.001	0.001	0.003	0.003	1988
1989	0.001	0.001	0.002	0.014	0.014	0.004	0.002	0.003	0.001	0.001	0.005	0.003	0.004	1989
1970	0.001	0.002	0.001	0.015	0.010	0.005	0.004	0	0	0.002	0.003	0.001	0.004	1970
1971	0	0.001	0.001	0.021	0.008	0.003	0	0	0	0	0	0.001	0.003	1971
1972	0	0	0	0.018	0.013	0.007	0.006	0.005	0.003	0.006	0.005	0.004	0.006	1972
1973	0.004	0.003	0.014	0.038	0.018	0.023	0.003	0.003	0.001	0.003	0.004	0.003	0.009	1973
1974	0.002	0.001	0.002	0.030	0.026	0.005	0.001	0.001	0.001	0.001	0.005	0.001	0.006	1974
1975	0.001	0.001	0.002	0.018	0.007	0.004	0	0	0	0.001	0	0	0.003	1975
1976	0	0	0.004	0.027	0.013	0.003	0.001	0	0	0	0.001	0	0.004	1976
1977	0	0	0.008	0.014	0.003	0	0	0	0	0.001	0.002	0.002	0.002	1977
1978	0.001	0	0	0.020	0.010	0.003	0	0.001	0	0.001	0.001	0.001	0.003	1978
1979	0.001	0.001	0.005	0.028	0.014	0.003	0.001	0	0.001	0.004	0.004	0.003	0.006	1979
1980	0.001	0	0.005	0.030	0.008	0.006	0.006	0.002	0.002	0.007	0.004	0.003	0.005	1980
1981	0.002	0.012	0.014	0.024	0.013	0.005	0.001	0.001	0.006	0.006	0.003	0.002	0.007	1981
1982	0.002	0.002	0.003	0.018	0.007	0.007	0.001	0	0.001	0.002	0.003	0.005	0.004	1982
1983	0.002	0.003	0.006	0.024	0.026	0.005	0.001	0	0.001	0.002	0.003	0.002	0.006	1983
1984	0.001	0.002	0.002	0.032	0.012	0.003	0.005	0	0.001	0.002	0.003	0.003	0.005	1984
1985	0.002	0.003	0.005	0.028	0.010	0.003	0.002	0	0	0.002	0.002	0.002	0.005	1985
1986	0	0	0.003	0.011	0.009	0.005	0	0	0	0.001	0	0	0.003	1986
1987	0	0	0.005	0.013	0.004	---	---	---	---	---	---	---	---	1987
MEAN	0.001	0.002	0.004	0.021	0.011	0.005	0.002	0.001	0.001	0.002	0.003	0.002	0.005	MEAN

LOCATION - LAT 46 01 49 N DRAINAGE AREA, .81 km^2
LONG 77 22 17 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 09 1987

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	0.116 AT 21:15 EST ON MAR 31	0.034 ON MAR 31	0B ON JAN 13 *	100	1988
1989	0.113 AT 03:35 EST ON MAY 19	0.051 ON MAY 19	0 ON MAR 18	133	1989
1970	0.088 AT 15:00 EST ON JUL 20	0.057 ON JUL 20	0 ON JUL 9	117	1970
1971	0.085 AT 23:45 EST ON APR 23	0.054 ON APR 22	0 ON JAN 1	81.2	1971
1972	0.085 AT 23:20 EST ON APR 30	0.045 ON APR 30	0 ON JAN 1	193	1972
1973	0.122 AT 22:00 EST ON APR 15	0.093 ON APR 15	0 ON JUL 23	288	1973
1974	0.102 AT 15:01 EST ON MAY 12	0.074 ON MAY 12	0 ON JUL 11	198	1974
1975	0.079 AT 01:55 EST ON APR 24	0.068 ON APR 24	0 ON JUN 20	91.9	1975
1976	0.074 AT 00:45 EST ON APR 15	0.062 ON APR 15	0 ON JAN 1	127	1976
1977	0.065 AT 01:41 EST ON MAR 31	0.034 ON MAR 30	0 ON JAN 1	70.8	1977
1978	0.085 AT 18:55 EST ON APR 21	0.057 ON APR 21	0 ON JAN 1	102	1978
1979	0.084 AT 15:10 EST ON APR 14	0.056 ON APR 14	0 ON JUL 10	175	1979
1980	0.052 AT 08:05 EST ON APR 9	0.044 ON APR 9	0 ON JAN 6	170	1980
1981	---	0.095 ON MAR 30	0 ON JUL 12	233	1981
1982	0.087 AT 15:55 EST ON APR 17	0.078 ON APR 17	0 ON JUL 15	140	1982
1983	---	0.082A ON MAY 8	0 ON JUL 13	201	1983
1984	0.088 AT 07:54 EST ON APR 6	0.073 ON APR 6	0 ON JUL 5	148	1984
1985	0.131E AT 12:34 EST ON APR 22 *	0.108 ON APR 22 *	0 ON AUG 2	188	1985
1986	0.055 AT 13:37 EST ON APR 1	0.041 ON APR 1	0 ON JAN 1	81.6	1986
1987	0.047 AT 18:18 EST ON APR 6	0.044 ON APR 6	---	---	1987
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		149	MEAN

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.004	0.002	---	1967
1968	B	0.001	0.003	0.007	0.002	0.003	0.001	0	0.002	0.001	B	0.001	0.002	1968
1969	B	0.001	0.003	0.008	0.007	0.002	0.001	0.001	0.001	0.001	0.005	0.002	0.003	1969
1970	0.002	0.001	0.001	0.008	0.004	0.002	0.002	0	0.001	0.002	0.002	0.001	0.002	1970
1971	0	0.001	0	0.014	0.004	0.001	0	0	0	0	0.001	0.001	0.002	1971
1972	0	0	0.001	0.013	0.005	0.003	0.004	0.003	0.002	0.003	0.005	0.002	0.003	1972
1973	0.002	0.001	0.008	0.014	0.005	0.009	0.001	0.001	0	0.001	0.002	0.002	0.004	1973
1974	0.001	0.001	0.001	0.017	0.009	0.002	0	0.001	0.001	0.001	0.002	0.001	0.003	1974
1975	0.001	0.001	0.002	0.014	0.003	0.002	0	0	0	0.001	0.001	0.001	0.002	1975
1976	0	0	0.005	0.013	0.008	0.001	0.001	0	0.001	0	0.001	B	0.002	1976
1977	0	0	0.005	0.007	0.001	0	0	0	0.001	0.001	0.001	0.002	0.002	1977
1978	0.001	0.001	0.001	0.013	0.004	0.001	0	0.001	0	0.002	0.001	0.001	0.002	1978
1979	0.002	0.002	0.008	0.013	0.005	0.002	0.001	0.001	0.001	0.003	0.003	0.002	0.003	1979
1980	0.001	0	0.004	0.008	0.004	0.003	0.002	0.002	0.002	0.004	0.003	0.002	0.003	1980
1981	0.002	0.008	0.008	0.008	0.005	0.002	0.001	0.001	0.004	0.003	0.002	0.002	0.004	1981
1982	0.002	0.002	0.002	0.011	0.003	0.004	0.001	0	0.002	0.002	0.003	0.004	0.003	1982
1983	0.002	0.002	0.006	0.010	0.013	0.002	0.001	0	0.001	0.002	0.002	0.002	0.004	1983
1984	0.002	0.002	0.002	0.011	0.005	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.003	1984
1985	0.002	0.002	0.004	0.014	0.003	0.002	0.002	0	0.001	0.002	0.002	0.002	0.003	1985
1986	0	0	0.002	0.007	0.005	0.003	B	0	0	0.001	0	0	0.002	1986
1987	0	0	0.004	0.007	0.002	---	---	---	---	---	---	---	---	1987
MEAN	0.001	0.001	0.003	0.011	0.005	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.003	MEAN

LOCATION - LAT 45 01 48 N DRAINAGE AREA, .24 km²
LONG 77 22 31 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 08 1987

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.045 AT 17:50 EST ON MAR 28	0.022 ON MAR 29	0B ON JAN 3 *	84.5	1968
1969	0.031 AT 10:30 EST ON APR 10	0.026 ON APR 10	0 ON JAN 1	87.4	1969
1970	0.042 AT 17:20 EST ON JUL 20	0.026 ON JUL 20	0 ON JUL 9	72.0	1970
1971	0.037 AT 01:00 EST ON APR 22	0.034 ON APR 21	0 ON JAN 9	57.6	1971
1972	0.042 AT 20:30 EST ON APR 24	0.034 ON APR 24	0 ON JAN 2	108	1972
1973	0.061 AT 00:10 EST ON JUN 12	0.045 ON APR 2	0 ON JUL 15	124	1973
1974	0.071E AT 10:30 EST ON APR 24	0.051E ON APR 23	0 ON JUN 28	98.8	1974
1975	0.068 AT 08:40 EST ON APR 20	0.038 ON APR 20 *	0 ON MAY 25	83.1	1975
1976	0.074 AT 13:53 EST ON APR 1	0.062 ON APR 1	0 ON JAN 5	73.7	1976
1977	0.034 AT 00:30 EST ON MAR 31	0.027 ON MAR 30	0 ON JAN 1	60.8	1977
1978	---	0.034 ON APR 21	0 ON MAR 6	71.3	1978
1979	0.044 AT 00:32 EST ON APR 3	0.036 ON MAR 25	0 ON JUL 13	107	1979
1980	0.029 AT 07:25 EST ON APR 8	0.024 ON APR 8	0 ON FEB 4	88.4	1980
1981	0.070 AT 16:53 EST ON FEB 23	0.048 ON FEB 23	0 ON JUL 14	115	1981
1982	0.041 AT 08:35 EST ON APR 17	0.036 ON APR 17	0 ON JUL 22	93.5	1982
1983	0.101 AT 19:23 EST ON MAY 7 *	0.076E ON MAY 8	0 ON JUL 14	114	1983
1984	---	0.057E ON APR 8	0 ON AUG 11	80.8	1984
1985	0.051 AT 16:03 EST ON APR 22	0.045 ON APR 22	0 ON AUG 6	84.4	1985
1986	0.041 AT 16:07 EST ON APR 1	0.031 ON APR 1	0 ON JAN 1	61.8	1986
1987	0.032 AT 15:55 EST ON MAR 30	0.026 ON MAR 30	---	---	1987
				85.5	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	B	B	B	0.006	0.002	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	1972
1973	0.001	0	0.003	0.006	0.002	0.004	0	0	0	0	B	0	0.001	1973
1974	0	0	0	0.007	0.004	0	0	0	0	0	0.001	0	0.001	1974
1975	0	0	0	0.005	0.001	0	0	0	0	0	0	0	0.001	1975
1976	0	0	0.002	0.006	0.002	0	0	0	0	0	0	0	0.001	1976
1977	0	0	0.002	0.004	0.001	0	0	0	0	0	0.001	0.001	0.001	1977
1978	0	0	0	0.006	0.002	0	0	0	0	0	0	0	0.001	1978
1979	0	0	0.002	0.007	0.002	0	0	0	0	0	0.001	0.001	0.001	1979
1980	0	0	0.001	0.005	0.002	0.001	0.001	0	0	0.002	0.001	0.001	0.001	1980
1981	0	0.003	0.002	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001	0.001	1981
1982	0	0	0.001	0.005	0.001	0.001	0	0	0	0	0.001	0.002	0.001	1982
1983	0.001	0.001	0.003	0.004	0.005	0.001	0	0	0	0	0	0.001	0.001	1983
1984	0	0.001	0.001	0.005	0.002	0.001	0.001	0	0	0	0	0.001	0.001	1984
1985	B	0	0.002	0.007	0.001	0	0	0	B	0	0	0	0.001	1985
1986	0	0	0.001	0.004	0.002	0.001	0	0	0	0	0	0	0.001	1986
1987	B	0	0.002	0.003	0.001	---	---	---	---	---	---	---	---	1987
MEAN	0	0	0.001	0.005	0.002	0.001	0	0	0	0	0.001	0.001	0.001	MEAN

LOCATION - LAT 45 01 55 N DRAINAGE AREA, .11 km²
LONG 77 22 43 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 08 1987

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	0.025 AT 16:30 EST ON JUL 25	0.018A ON APR 24	0E ON JAN 1 *	45.7	1973
1973	0.040 AT 10:45 EST ON JUN 11	0.021 ON APR 1	0 ON JAN 6	41.6	1973
1974	0.031 AT 09:56 EST ON APR 17	0.0188 ON APR 14	0E ON JAN 1	30.6	1974
1975	---	0.040A ON APR 19 *	0E ON JAN 1	18.6	1975
1976	0.042 AT 08:36 EST ON APR 1 *	0.028 ON APR 1	0E ON JAN 1	29.3	1976
1977	0.024 AT 21:21 EST ON MAR 30	0.015 ON MAR 30	0 ON JAN 1	21.8	1977
1978	0.022 AT 00:50 EST ON APR 21	0.017 ON APR 20	0 ON JAN 1	23.6	1978
1979	0.028 AT 20:35 EST ON APR 2	0.020 ON APR 2	0 ON JAN 1	41.3	1979
1980	0.017 AT 01:12 EST ON APR 9	0.012 ON APR 9	0 ON JAN 4	38.3	1980
1981	0.030 AT 12:58 EST ON MAR 30	0.023A ON MAR 30	0 ON JAN 15	42.6	1981
1982	0.026 AT 08:15 EST ON APR 17	0.027 ON APR 17	0 ON JAN 12	32.6	1982
1983	0.037 AT 20:26 EST ON MAY 7	0.027 ON MAY 7	0 ON JUN 15	38.9	1983
1984	0.041 AT 00:07 EST ON APR 8	0.023 ON APR 8	0 ON JAN 1	31.1	1984
1985	0.036 AT 08:11 EST ON APR 22	0.024 ON APR 22	0E ON JAN 1	28.3	1985
1986	0.026 AT 10:32 EST ON APR 1	0.018 ON APR 1	0 ON JAN 1	21.8	1986
1987	0.019 AT 16:46 EST ON MAR 30	0.014 ON MAR 30	---	---	1987
				32.6	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.001	0.089	0.118	---	1966
1967	0.038	0.031	0.035	0.283	0.108	0.167	0.048	0.003	0.014	0.138	0.127	0.056	0.067	1967
1968	0.024	0.041	0.071	0.209	0.049	0.046	0.049	0.008	0.027	0.020	0.029	0.029	0.050	1968
1969	0.024	0.031	0.030	0.178	0.185	0.040	0.013	0.004	0.026	0.027	0.111	0.041	0.053	1969
1970	0.010	0.011	0.018	0.185	0.136	0.050	0.005	0.005	0.005	0.042	0.048	0.035	0.049	1970
1971	0.022	0.032	0.035	0.216	0.128	0.032	0.001	0	0	0	0.008	0.028	0.042	1971
1972	0.017	0.020	0.028	0.188	0.181	0.069	0.076	0.004	0.048	0.081	0.085	0.052	0.075	1972
1973	0.045	0.035	0.108	0.315	0.118	0.226	0.042	0.032	0.018	0.035	0.044	0.050	0.080	1973
1974	0.031	0.032	0.038	0.271	0.233	0.051	0.015	0.024	0.010	0.015	0.076	0.037	0.069	1974
1975	0.031	0.032	0.034	0.175	0.091	0.051	0	0	0	0.006	0.017	0.027	0.038	1975
1976	0.014	0.015	0.051	0.291	0.120	0.028	0.014	0.002	0.004	0.006	0.020	0.016	0.048	1976
1977	0.011	0.011	0.086	0.179	0.035	0.004	0.001	0	0.012	0.036	0.048	0.052	0.038	1977
1978	0.024	0.022	0.014	0.211	0.115	0.032	0.006	0.015	0.018	0.025	0.018	0.027	0.045	1978
1979	0.037	0.036	0.073	0.302	0.145	0.032	0.013	0.005	0.007	0.062	0.082	0.053	0.068	1979
1980	0.018	0.006	0.050	0.205	0.091	0.045	0.074	0.033	0.027	0.085	0.056	0.051	0.062	1980
1981	0.024	0.116	0.142	0.237	0.092	0.033	0.008	0.007	0.081	0.053	0.036	0.036	0.072	1981
1982	0.024	0.021	0.035	0.185	0.050	0.093	0.011	0	0.010	0.032	0.051	0.062	0.050	1982
1983	0.041	0.026	0.093	0.197	0.244	0.048	0.003	0	0.002	0.022	0.053	0.028	0.064	1983
1984	0.019	0.027	0.034	0.238	0.104	0.031	0.037	0.005	0.005	0.013	0.047	0.044	0.050	1984
1985	0.030	0.025	0.087	0.271	0.086	0.025	0.014	---	---	0.012	0.023	0.023	---	1985
1986	0.015	0.008	0.030	0.185	0.101	0.057	0.007	0.010	0.005	0.024	0.014	0.021	0.038	1986
1987	0.015	0.013	0.050	0.181	0.045	0.024	0.010	0	0	0.001	0.033	0.030	0.032	1987
1988	0.015	0.012	0.018	0.212	0.074	0.003	0.002	0.037	0.012	0.036	0.048	0.019	0.040	1988
MEAN	0.025	0.027	0.051	0.221	0.115	0.054	0.023	0.015	0.015	0.033	0.050	0.042	0.058	MEAN

LOCATION - LAT 46 02 08 N, LONG 77 22 15 W
DRAINAGE AREA, 7.30 km^2
NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	0.504 AT 21:00 EST ON APR 18	0.484 ON APR 18	0 ON AUG 18 *	2 740	1967
1968	0.484 AT 14:20 EST ON APR 1	0.453 ON APR 1	0.002 ON SEP 1	1 580	1968
1969	0.317 AT 04:30 EST ON MAY 19	0.306 ON MAY 20	0.002 ON JUL 23	2 000	1969
1970	0.357 AT 12:10 EST ON APR 22	0.340 ON APR 22	0 ON AUG 18	1 580	1970
1971	0.436 AT 12:35 EST ON APR 26	0.428 ON APR 26	0 ON JUL 8	1 320	1971
1972	0.521 AT 19:10 EST ON MAY 2	0.518 ON MAY 2	0.012A ON FEB 2	2 370	1972
1973	0.585 AT 18:00 EST ON JUN 12 *	0.583 ON JUN 12 *	0.006 ON SEP 14	2 820	1973
1974	0.554 AT 00:45 EST ON APR 24	0.541 ON APR 24	0.002 ON SEP 7	2 190	1974
1975	0.473 AT 00:18 EST ON APR 25	0.467 ON APR 25	0 ON JUL 3	1 190	1975
1976	0.487 AT 21:02 EST ON APR 8	0.462 ON APR 8	0 ON JUL 31	1 530	1976
1977	0.302 AT 08:14 EST ON APR 3	0.297 ON APR 3	0 ON JUN 16	1 200	1977
1978	0.467 AT 03:11 EST ON APR 24	0.464 ON APR 23	0 A ON NOV 13	1 410	1978
1979	0.374 AT 10:11 EST ON APR 18	0.368 ON APR 18	0 ON AUG 28	2 180	1979
1980	0.317 AT 17:12 EST ON APR 15	0.310 ON APR 15	0.004 ON FEB 18	1 880	1980
1981	0.518 AT 08:03 EST ON APR 2	0.505 ON APR 2	0 ON JUL 22	2 280	1981
1982	0.426 AT 23:42 EST ON APR 17	0.413 ON APR 18	0 ON JUL 24	1 580	1982
1983	0.544 AT 23:14 EST ON MAY 8	0.525 ON MAY 8	0 ON JUL 18	2 020	1983
1984	0.459 AT 03:42 EST ON APR 7	0.444 ON APR 7	0 ON AUG 27	1 590	1984
1985	0.521 AT 02:04 EST ON APR 24	0.513 ON APR 23	0 ON AUG 12	---	1985
1986	0.343 AT 18:31 EST ON APR 2	0.338 ON APR 2	0 ON JUL 20	1 200	1986
1987	0.384 AT 16:43 EST ON APR 7	0.368 ON APR 7	0 ON JUL 27	1 090	1987
1988	---	0.484 ON MAY 17	0 ON JUN 15	1 270	1988
				1 780	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	17.9	21.6	21.6	79.0	123	101	62.3	28.1	19.6	20.9	33.9	34.6	47.0	1916
1917	35.2	27.1	18.5	86.6	144	86.7	73.8	58.6	19.2	18.2	18.4	18.3	49.4	1917
1918	14.2	13.3	13.7	52.2	69.6	57.6	35.8	20.0	18.6	33.9	51.5	63.2	35.1	1918
1919	44.7	34.3	33.4	111	136	114	62.4	27.1	17.6	19.2	32.7	29.8	55.4	1919
1920	26.8	22.5	25.2	62.7	75.7	46.6	51.1	30.4	19.6	16.8	18.2	19.7	34.6	1920
1921	19.6	18.2	38.7	132	86.4	51.2	41.1	19.2	10.7	9.42	11.8	13.6	36.0	1921
1922	13.3	13.1	16.3	147	114	64.1	50.3	40.1	24.0	15.6	17.4	20.3	44.7	1922
1923	16.0	13.2	13.0	49.7	102	89.3	56.6	26.7	23.3	14.3	12.2	18.7	44.6	1923
1924	19.2	16.6	18.7	60.6	163	117	74.0	36.6	16.3	12.6	10.7	12.6	46.7	1924
1925	11.6	11.2	14.6	95.7	86.6	80.0	73.0	33.4	15.6	10.6	15.3	21.6	40.6	1925
1926	16.6	16.0	13.6	26.2	134	97.6	86.6	66.6	30.6	16.1	36.4	46.0	46.3	1926
1927	31.1	26.2	30.3	56.1	80.6	96.6	67.9	56.6	26.9	19.2	29.7	42.1	49.0	1927
1928	39.3	32.6	28.1	163	207	87.9	96.6	77.0	61.6	66.4	103	61.6	69.9	1928
1929	66.9	57.1	60.0	209	215	101	80.6	16.2	11.2	7.66	8.70	9.16	66.0	1929
1930	9.60	10.6	13.6	44.6	103	62.6	57.7	34.2	13.6	9.46	8.66	8.36	31.6	1930
1931	7.82	7.66	7.29	26.1	66.6	40.2	36.0	16.0	9.07	6.36	7.02	11.6	16.6	1931
1932	24.1	32.6	27.6	64.6	112	67.6	26.6	20.6	26.6	36.2	72.6	67.7	49.4	1932
1933	64.6	61.4	31.4	119	121	66.6	29.2	20.6	13.0	11.4	10.6	12.6	46.2	1933
1934	13.1	12.0	12.2	53.6	166	73.6	66.4	36.6	12.1	9.66	16.1	26.1	40.1	1934
1935	24.1	17.6	16.1	66.4	76.6	66.2	62.7	66.4	19.1	13.6	16.2	16.6	36.4	1935
1936	16.6	16.0	16.3	66.6	176	66.6	67.6	26.6	13.6	16.3	26.0	26.1	47.2	1936
1937	36.1	37.6	33.2	63.6	137	76.7	67.2	33.6	14.0	13.6	27.6	33.0	46.6	1937
1938	27.6	27.6	46.2	164	136	76.7	64.6	26.6	22.7	26.6	21.6	20.4	67.0	1938
1939	20.6	20.6	21.3	41.3	136	66.2	61.7	46.2	16.6	13.7	16.3	16.4	36.2	1939
1940	13.2	12.3	13.0	26.6	66.2	66.7	46.6	30.0	21.6	20.6	27.0	33.6	36.6	1940
1941	33.4	30.0	30.0	116	61.7	40.3	33.6	12.2	7.21	9.14	26.3	26.6	37.3	1941
1942	26.0	23.2	26.7	126	113	73.3	40.1	24.6	13.2	16.2	16.6	23.1	43.7	1942
1943	22.7	20.3	23.7	62.4	223	106	61.3	26.3	32.2	26.7	31.6	27.7	64.6	1943
1944	22.4	16.6	16.2	33.6	67.0	66.6	36.1	16.6	11.4	16.1	16.1	22.6	30.0	1944
1945	21.0	17.6	46.3	117	66.6	71.1	44.6	22.2	16.6	17.7	23.7	23.1	42.1	1945
1946	24.1	26.6	46.6	63.0	67.3	62.3	30.7	14.3	10.6	10.6	14.6	20.3	33.4	1946
1947	26.2	26.4	31.6	136	247	146	76.6	46.4	46.6	49.0	36.7	46.6	77.0	1947
1948	46.6	40.3	62.6	166	106	66.3	34.6	22.6	13.6	12.1	17.7	27.1	60.6	1948
1949	30.3	33.4	32.0	166	136	62.2	33.6	16.3	6.77	6.30	6.16	10.6	46.3	1949
1950	18.6	27.2	21.6	72.2	60.0	63.4	26.6	16.2	16.0	17.6	37.7	63.3	36.1	1950
1951	41.6	36.3	36.6	232	163	61.3	44.7	23.6	17.2	26.2	66.4	66.7	66.3	1951
1952	44.6	37.0	31.6	146	147	70.4	30.4	20.0	16.2	11.3	10.2	20.2	46.4	1952
1953	20.4	20.2	60.3	107	66.6	33.6	16.1	11.1	6.66	7.76	7.66	14.6	30.6	1953
1954	16.6	16.0	26.6	116	116	102	64.0	36.6	30.3	61.6	67.4	63.2	67.6	1954
1955	43.3	33.7	27.6	167	64.6	36.6	22.2	13.6	6.62	10.6	26.4	24.6	42.6	1955
1956	21.1	17.6	16.6	60.2	133	76.6	46.1	26.6	46.2	36.4	33.3	40.6	47.7	1956
1957	33.3	26.6	26.2	47.6	67.0	66.3	66.3	36.3	30.6	26.3	66.6	66.2	46.2	1957
1958	67.3	62.0	32.0	60.1	63.2	66.2	66.0	34.0	24.4	22.2	24.1	22.6	46.0	1958
1959	21.6	16.7	16.1	60.7	126	67.6	27.6	22.6	26.6	31.6	63.6	71.3	46.6	1959
1960	46.0	36.6	31.2	170	166	62.0	61.0	32.3	16.3	14.7	16.3	16.6	66.0	1960
1961	13.6	13.3	14.6	66.6	60.2	62.1	63.0	60.6	26.3	19.2	16.6	27.6	36.3	1961
1962	26.4	21.6	16.6	76.6	114	43.0	16.6	16.3	6.66	7.46	12.0	16.1	31.6	1962
1963	16.0	10.6	6.16	113	60.4	46.6	22.6	12.3	16.1	12.2	21.7	26.1	32.4	1963
1964	20.7	16.6	20.2	66.1	64.6	26.3	13.4	7.33	6.67	7.24	7.71	13.4	23.1	1964
1965	16.7	16.4	16.6	47.6	176	43.7	20.7	20.7	22.6	66.6	66.7	66.7	47.7	1965
1966	67.6	66.6	44.7	132	126	66.1	26.6	14.4	16.1	10.6	31.6	113	66.4	1966
1967	60.6	66.4	26.6	146	110	66.6	42.6	16.6	16.0	60.3	63.0	64.6	66.2	1967
1968	37.4	27.4	32.6	144	63.7	66.6	32.0	17.2	16.4	16.1	16.6	24.1	66.6	1968
1969	26.6	22.6	16.6	116	166	76.7	66.6	16.6	23.7	21.1	61.1	47.6	62.3	1969
1970	26.3	16.6	16.6	76.6	163	63.4	64.2	46.6	24.1	31.2	66.6	46.6	46.7	1970
1971	31.6	66.6	66.6	114	166	64.6	16.6	6.76	6.37	6.06	10.3	23.6	42.1	1971
1972	66.7	22.2	20.6	60.4	246	62.7	76.6	66.6	47.6	61.6	66.7	64.7	70.6	1972
1973	47.4	46.6	71.1	230	132	64.0	66.3	66.4	16.6	22.6	66.7	46.7	70.1	1973
1974	66.6	66.2	66.6	166	217	76.6	62.6	16.2	13.7	66.1	62.2	61.7	60.7	1974
1975	66.0	24.6	66.0	76.3	141	61.6	16.6	12.2	6.23	16.4	16.6	66.6	37.2	1975
1976	27.6	22.3	62.4	220	106	66.6	66.6	16.6	12.2	13.3	14.6	16.4	66.6	1976
1977	16.3	13.2	66.6	146	70.6	23.6	13.7	7.76	10.6	66.6	62.6	66.6	37.3	1977
1978	33.4	66.3	17.6	76.6	176	62.1	17.2	12.0	17.6	66.2	63.2	66.7	62.6	1978
1979	66.6	66.2	62.6	166	166	63.3	66.2	66.6	16.6	66.6	66.6	63.6	66.6	1979
1980	66.3	66.1	66.6	176	102	61.1	71.3	66.2	41.6	67.0	66.6	62.2	66.6	1980
1981	63.6	66.1	66.1	176	66.2	62.6	63.0	66.7	63.7	66.7	66.6	66.1	66.7	1981
1982	66.4	66.4	64.2	106	117	66.0	66.1	16.3	16.2	62.6	66.0	77.4	66.4	1982
1983	76.3	66.6	66.6	116	161	74.3	66.4	16.6	13.3	66.3	66.6	66.4	66.0	1983
1984	62.6	66.4	66.7	166	136	66.6	66.7	21.0	16.1	16.1	66.6	66.2	66.2	1984
1985	66.6	61.0	67.3	176	160	66.7	66.0	16.6	62.2	16.4	66.6	67.4	64.4	1985
1986	67.0	61.4	66.7	160	66.2	61.7	62.6	16.0	6.71	16.6	16.2	16.6	61.2	1986
1987	17.6	16.6	61.4	126	63.0	61.0	16.6	6.31	7.16	6.36	62.6	66.1	66.7	1987
1988	66.6	64.3	61.6	146	67.3	66.2	12.6	64.3	62.6	66.6	66.6	46.6	66.6	1988
MEAN	29.2	26.3	26.6	110	126	66.6	66.4	27.3	16.6	66.2	61.6	66.6	67.3	MEAN

LOCATION - LAT 46 53 17 N
LONG 77 16 30 W

DRAINAGE AREA, 4 120 km²
REGULATED

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	142 ON MAY 4	15.8 ON OCT 2	1 480 000	1916
1917	---	284 ON MAY 3	11.0 ON SEP 21	1 580 000	1917
1918	---	84.7 ON MAY 20	13.3 ON JAN 1	1 140 000	1918
1919	---	187 ON MAY 26	13.6 ON SEP 3	1 750 000	1919
1920	---	95.7 ON MAY 2	15.0 ON OCT 23	1 090 000	1920
1921	---	174 ON APR 10	6.07 ON SEP 30	1 200 000	1921
1922	---	258 ON APR 23	13.1 B ON FEB 1	1 410 000	1922
1923	---	226 ON MAY 22	11.6 ON OCT 28	1 410 000	1923
1924	---	187 ON MAY 26	10.3 ON NOV 4	1 480 000	1924
1925	---	130 ON APR 30	10.1 ON FEB 10	1 290 000	1925
1926	---	159 ON MAY 22	12.0 ON OCT 10	1 520 000	1926
1927	---	122 ON JUL 27	17.1 ON OCT 8	1 580 000	1927
1928	---	276 ON MAY 11	26.6 ON MAR 23	2 840 000	1928
1929	---	308 ON MAY 5	7.22 ON OCT 19	2 150 000	1929
1930	---	167 ON MAY 24	8.388 ON DEC 1	884 000	1930
1931	---	51.6 ON MAY 15	8.78 ON OCT 13 *	884 000	1931
1932	---	152 ON APR 23	15.4 ON JAN 1	1 580 000	1932
1933	---	184 ON APR 23	9.81 ON NOV 2	1 390 000	1933
1934	---	243 ON MAY 7	8.87 ON OCT 21	1 280 000	1934
1935	---	108 ON MAY 2	12.8 ON OCT 27	1 240 000	1935
1936	---	267 ON MAY 8	12.5 ON SEP 26	1 490 000	1936
1937	---	186 ON MAY 1	10.8 ON SEP 9	1 540 000	1937
1938	---	264 ON APR 22	14.3 ON SEP 6	1 800 000	1938
1939	---	183 ON MAY 7	12.1 ON SEP 29	1 200 000	1939
1940	---	184 ON MAY 28	11.8 ON FEB 5	1 180 000	1940
1941	---	240 ON APR 23	8.43 ON SEP 28	1 180 000	1941
1942	---	205 ON APR 23	10.4 ON OCT 28	1 380 000	1942
1943	---	331 ON MAY 6	19.6 ON FEB 18	1 730 000	1943
1944	---	110 ON MAY 11	10.4 ON SEP 20	849 000	1944
1945	---	167 ON APR 5	14.7 ON SEP 15	1 330 000	1945
1946	---	131 ON APR 3	7.79 ON OCT 11	1 050 000	1946
1947	---	348 ON MAY 5	23.6 ON JAN 1	2 430 000	1947
1948	---	189 ON APR 15	9.06 ON OCT 7	1 800 000	1948
1949	---	236 ON APR 25	7.85 ON OCT 29	1 420 000	1949
1950	---	127 ON APR 29	13.1 ON OCT 10	1 200 000	1950
1951	---	360 ON APR 16	15.2 ON SEP 25	2 180 000	1951
1952	---	252 ON APR 24	8.21 ON OCT 31	1 530 000	1952
1953	---	205 ON MAR 30	7.42 ON OCT 23	984 000	1953
1954	---	177 ON APR 19	17.0 ON FEB 18	1 820 000	1954
1955	---	266 ON APR 17	8.26 ON OCT 2	1 340 000	1955
1956	---	174 ON MAY 18	16.3 ON MAR 29	1 610 000	1956
1957	---	134 ON JUL 5	22.7 ON SEP 2	1 520 000	1957
1958	---	144 ON APR 24	16.8 ON OCT 7	1 420 000	1958
1959	---	189 ON MAY 2	17.8 ON MAR 4	1 470 000	1959
1960	---	386 ON APR 26	8.63 ON NOV 1	1 740 000	1960
1961	---	130 ON MAY 1	12.7 ON FEB 23	1 180 000	1961
1962	---	175 ON MAY 6	8.34 ON SEP 20	884 000	1962
1963	---	179 ON APR 8	8.08 ON MAR 5	1 020 000	1963
1964	---	111 ON APR 21	8.30 ON SEP 3	730 000	1964
1965	---	254 ON MAY 6	14.2 ON MAR 4	1 500 000	1965
1966	284 AT 12:00 EST ON APR 27	283 ON APR 27	7.83 ON OCT 6	1 780 000	1966
1967	248 AT 24:00 EST ON APR 24	248 ON APR 25	10.5 ON SEP 20	1 870 000	1967
1968	195 AT 18:30 EST ON APR 8	181 ON APR 8	12.2 ON SEP 5	1 230 000	1968
1969	203 AT 02:50 EST ON APR 21	202 ON APR 20	14.3 ON SEP 5	1 850 000	1969
1970	238 AT 21:32 EST ON MAY 1	236 ON MAY 2	16.8 ON MAR 16	1 670 000	1970
1971	263 AT 20:15 EST ON APR 30	262 ON MAY 1	7.50 ON SEP 19	1 330 000	1971
1972	362 AT 23:30 EST ON MAY 6	354 ON MAY 7	18.5 ON MAR 20	2 230 000	1972
1973	272 AT 08:50 EST ON APR 24	270 ON APR 24	15.3 ON SEP 21	2 210 000	1973
1974	348 AT 02:43 EST ON APR 26	340 ON APR 26	8.80 ON SEP 8	1 810 000	1974
1975	236 AT 07:20 EST ON MAY 4	236 ON MAY 4	5.87 ON SEP 10	1 170 000	1975
1976	287 AT 20:19 EST ON APR 5	284 ON APR 5	8.88 ON SEP 17	1 580 000	1976
1977	158 AT 13:18 EST ON APR 23	158 ON APR 23	8.12 ON AUG 19	1 180 000	1977
1978	237 AT 15:40 EST ON MAY 1	236 ON MAY 1	8.37 ON AUG 16	1 340 000	1978
1979	288 AT 14:07 EST ON APR 28	286 ON APR 28	15.2 ON SEP 13	1 680 000	1979
1980	258 AT 21:38 EST ON APR 16	256 ON APR 17	15.2 ON MAR 16	2 070 000	1980
1981	236 AT 03:37 EST ON APR 11	235 ON APR 11	20.1 ON JUL 26	2 170 000	1981
1982	244 AT 05:46 EST ON APR 30	243 ON APR 29	7.43 ON AUG 31	1 430 000	1982
1983	302 AT 03:20 EST ON MAY 10	300 ON MAY 10	8.37 ON AUG 16	1 680 000	1983
1984	284 AT 15:48 EST ON APR 19	283 ON APR 19	11.8 ON OCT 2	1 870 000	1984
1985	488 AT 12:40 EST ON APR 27 *	467 ON APR 27 *	13.8 ON OCT 4	1 710 000	1985
1986	226 AT 12:33 EST ON APR 7	224 ON APR 7	8.48 ON SEP 4	1 300 000	1986
1987	173 AT 11:50 EST ON APR 13	172 ON APR 12	5.80 ON SEP 28	985 000	1987
1988	---	207 ON APR 11	8.89 ON JUL 25	1 480 000	1988
				1 480 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC105

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.305	0.171	0.035	0.008	0.003	0.003	0.003	0.008	0.015	---	1974
1975	---	---	0.437	0.478	0.338	---	0	0	0	0	0.002	0.114	---	1975
1976	0.040	1.21	0.811	0.108	0.178	0.022	0.312	0.182	0.018	0.042	0.031	0.014	0.244	1976
MEAN	0.040	1.21	0.624	0.297	0.226	0.028	0.107	0.062	0.008	0.015	0.014	0.048	0.244	MEAN

LOCATION - LAT 43 50 05 N
LONG 78 08 55 W
NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC105

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.002 ON OCT 18	---	1974
1975	---	3.82 ON FEB 24	0 ON JUL 1 *	---	1975
1976	---	8.21 ON MAR 20 *	0 ON JUN 11	7 720	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 720	MEAN

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	6.02	41.5	148	56.9	50.7	21.0	41.9	58.6	66.2	48.4	---	1970
1971	18.6	12.4	10.4	94.3	165	89.4	37.7	27.5	19.0	76.9	76.5	33.0	55.3	1971
1972	16.3	11.2	9.80	43.9	218	66.2	57.6	52.3	55.5	47.9	25.4	18.1	51.4	1972
1973	13.2	10.0	16.2	118	144	80.2	51.2	22.7	24.2	30.3	35.7	27.8	48.3	1973
1974	11.6	9.01	8.48	45.7	233	95.5	44.8	52.8	43.6	58.4	47.5	27.2	57.1	1974
1975	19.4	12.7	10.1	45.9	182	115	40.0	16.2	6.80	23.3	52.6	28.9	48.4	1975
1976	15.3	9.72	8.98	215	120	86.7	29.5	17.6	6.68	6.82	6.76	5.06	43.6	1976
1977	4.84	4.48	15.9	168	104	38.1	38.2	37.6	101	76.1	82.3	25.3	58.0	1977
1978	14.9	9.21	6.69	18.2	147	116	50.3	23.6	12.9	14.6	10.8	6.97	38.4	1978
1979	5.74	5.34	7.28	113	253	87.9	27.2	29.7	36.2	67.2	72.6	21.3	80.9	1979
1980	10.6	8.78	7.43	97.3	173	51.4	28.1	24.4	44.3	57.6	30.4	14.0	45.5	1980
1981	9.22	9.10	13.6	86.1	108	81.0	34.7	18.6	9.10	9.83	11.2	8.25	33.1	1981
1982	6.38	5.14	4.33	32.3	229	73.6	89.6	25.8	40.6	108	91.3	56.3	62.6	1982
1983	23.6	15.1	18.3	42.8	227	86.4	56.9	16.6	27.1	167	85.8	42.9	64.7	1983
1984	16.0	13.8	12.4	141	189	153	94.1	36.4	14.8	26.2	43.4	56.5	64.1	1984
1985	22.0	12.8	8.98	104	118	82.8	51.7	110	57.1	111	118	36.8	69.8	1985
1986	16.5	12.7	11.7	155	165	84.1	37.3	17.2	19.0	38.8	36.3	17.6	47.7	1986
1987	11.4	9.42	8.73	74.3	38.1	26.1	41.8	37.6	30.9	57.6	61.8	28.3	36.0	1987
1988	14.6	10.2	8.41	112	187	72.8	29.7	37.1	57.0	73.0	98.0	39.8	61.7	1988
MEAN	13.8	10.1	10.2	93.1	187	76.3	45.8	33.0	34.2	58.6	52.7	26.8	52.2	MEAN

LOCATION - LAT 48 48 26 N LONG 88 17 48 W
DRAINAGE AREA, 4 270 km^2
NATURAL FLOW

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	450 AT 20:30 EST ON MAY 1	438 ON MAY 1	3.17 ON AUG 14 *	---	1970
1971	484 AT 01:54 EST ON MAY 27	476 ON MAY 27	10.0 B ON MAR 28	1 740 000	1971
1972	433 AT 23:11 EST ON APR 30	402 ON MAY 1	9.178 ON APR 2	1 820 000	1972
1973	388 AT 07:48 EST ON APR 23	385 ON APR 23	8.838 ON MAR 1	1 480 000	1973
1974	317 AT 23:26 EST ON MAY 3	308 ON MAY 4	8.06 ON DEC 28	1 800 000	1974
1975	418 AT 08:00 EST ON MAY 7	413 ON MAY 7	8.40 ON OCT 9	1 470 000	1975
1976	758 AT 07:26 EST ON APR 20 *	643 ON APR 19 *	3.23 ON NOV 6	1 380 000	1976
1977	---	501E ON APR 23	4.42E ON MAR 1	1 630 000	1977
1978	---	228E ON MAY 16	8.20E ON APR 6	1 150 000	1978
1979	609 AT 20:27 EST ON MAY 11	568 ON MAY 11	8.13E ON FEB 21	1 820 000	1979
1980	450 AT 04:20 EST ON MAY 2	447 ON MAY 2	7.00E ON MAR 25	1 440 000	1980
1981	188 AT 00:44 EST ON MAY 6	183 ON MAY 6	8.81 ON OCT 5	1 080 000	1981
1982	481 AT 14:13 EST ON MAY 7	452 ON MAY 7	4.14E ON MAR 28	1 970 000	1982
1983	---	428E ON OCT 16	8.08 ON AUG 25	2 040 000	1983
1984	322 AT 13:16 EST ON JUN 11	312 ON JUN 11	11.7 B ON MAR 15	2 030 000	1984
1985	449 AT 18:08 EST ON APR 25	438 ON APR 25	9.50E ON MAR 25	2 210 000	1985
1986	---	380E ON MAY 6	11.0 E ON AUG 14	1 500 000	1986
1987	134 AT 18:00 EST ON APR 18	132 ON APR 18	8.00E ON MAR 18	1 110 000	1987
1988	---	288E ON MAY 4	8.40E ON MAR 23	1 850 000	1988
				1 850 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	17.1	8.91	5.40	3.71	2.39	---	---	---	1921
1922	---	---	---	---	58.0	18.6	8.70	5.18	16.1	3.03	4.27	---	---	1922
1923	---	---	---	---	44.1	---	8.18	3.80	3.01	2.43	2.73	2.28	---	1923
1924	1.73	2.13	1.89	26.7	41.7	15.8	5.83	3.24	8.43	18.4	8.89	4.38	11.4	1924
1925	2.38	1.88	6.07	28.2	25.6	21.5	8.24	4.34	4.73	4.09	8.81	3.23	8.88	1925
1926	1.81	0.961	3.80	27.0	18.7	21.8	13.4	5.45	18.0	28.2	8.18	5.18	12.7	1926
1927	3.85	2.87	7.28	63.0	82.8	28.6	28.7	10.5	8.88	8.48	4.89	3.78	18.0	1927
1928	2.41	1.87	2.85	80.4	32.6	32.0	22.7	15.5	15.5	14.3	13.0	8.81	18.3	1928
1929	3.14	2.38	4.34	26.5	18.8	12.0	3.84	2.03	2.18	3.13	8.68	3.20	7.80	1929
1930	3.18	2.74	2.30	18.2	38.4	18.4	12.0	4.87	4.18	8.35	32.8	12.8	13.1	1930
1931	5.40	3.88	3.18	25.3	17.4	8.88	2.13	3.48	8.48	18.4	8.62	8.73	8.73	1931
1932	3.77	3.27	3.78	38.8	40.7	18.8	8.31	5.88	3.23	2.88	18.8	10.6	13.5	1932
1933	5.80	4.88	4.37	40.8	38.7	20.8	7.22	3.31	8.87	11.6	11.0	8.70	13.1	1933
1934	4.48	4.28	3.87	18.0	82.8	38.1	8.58	3.88	8.71	14.8	14.1	7.84	17.1	1934
1935	8.44	8.08	8.85	58.0	38.8	35.8	11.0	5.88	4.88	4.08	8.87	3.87	15.8	1935
1936	3.07	2.24	2.88	28.8	80.3	15.7	8.88	2.40	2.42	1.83	2.34	2.32	12.8	1936
1937	2.88	2.81	2.72	88.0	48.4	37.8	8.88	3.38	4.08	8.58	8.21	2.88	15.0	1937
1938	2.34	2.83	14.3	80.0	47.0	21.2	8.37	8.28	4.27	3.30	8.88	2.83	14.4	1938
1939	4.28	3.38	3.70	30.8	88.2	32.3	10.8	8.48	4.38	4.81	2.81	2.44	13.4	1939
1940	1.81	1.77	1.88	12.3	40.8	34.1	10.2	4.80	2.17	1.42	8.38	2.40	8.88	1940
1941	2.07	1.87	1.70	88.0	28.8	18.7	18.8	3.28	17.8	20.4	7.10	4.78	18.1	1941
1942	3.31	2.87	3.88	43.2	88.8	20.4	8.77	2.84	2.88	8.17	7.84	3.81	13.8	1942
1943	2.88	2.82	3.18	34.2	88.7	81.2	18.4	8.13	8.18	7.22	7.37	3.88	18.8	1943
1944	3.38	2.84	2.82	21.1	85.7	87.8	20.8	12.0	18.3	8.23	8.83	4.47	18.8	1944
1945	2.28	2.21	33.1	88.8	38.1	13.7	7.87	8.88	2.71	1.72	2.41	1.78	14.2	1945
1946	1.87	2.02	17.8	28.8	22.8	18.2	8.33	2.08	18.2	28.4	12.3	8.27	13.4	1946
1947	4.18	2.87	2.88	10.8	84.7	78.3	22.8	8.34	4.28	3.04	7.82	3.81	18.7	1947
1948	3.81	2.73	2.88	70.3	81.2	14.4	8.08	5.38	3.88	2.38	3.08	2.30	14.7	1948
1949	2.88	2.47	2.81	38.1	27.3	8.18	11.4	5.17	3.11	18.1	8.07	3.20	10.8	1949
1950	3.18	3.88	4.08	10.8	114	42.8	27.8	28.2	11.8	20.1	10.8	8.84	24.0	1950
1951	8.82	8.23	8.48	47.8	88.8	31.4	8.87	5.38	18.4	24.4	20.8	14.2	23.1	1951
1952	8.80	8.78	8.40	37.8	30.0	12.4	18.8	18.1	7.11	4.21	3.80	2.80	12.8	1952
1953	2.80	2.88	3.88	28.7	48.3	43.8	14.3	7.01	8.18	3.88	2.73	2.38	13.4	1953
1954	1.88	1.77	2.11	38.8	77.7	32.7	13.3	7.88	8.80	4.27	3.88	2.87	18.8	1954
1955	2.82	2.78	3.44	43.3	18.8	8.17	3.84	2.81	2.44	7.28	10.8	4.18	8.82	1955
1956	4.22	4.38	3.88	28.0	88.8	18.8	8.04	5.88	7.88	4.18	8.43	4.36	15.7	1956
1957	3.38	3.03	3.78	43.2	31.8	22.3	8.31	4.42	3.84	3.16	4.88	2.87	11.2	1957
1958	2.87	2.81	2.84	12.0	8.28	3.88	2.21	1.84	8.28	8.83	8.88	4.87	8.28	1958
1959	3.22	2.28	2.84	14.4	38.2	20.3	4.63	8.88	12.1	14.8	8.84	8.28	11.2	1959
1960	4.14	2.87	2.81	33.4	31.8	12.1	8.78	4.08	3.08	2.73	7.07	8.11	8.80	1960
1961	2.78	3.30	2.88	38.8	31.7	21.2	8.77	8.48	8.87	8.88	8.18	3.80	10.8	1961
1962	3.34	3.20	3.88	13.8	28.8	14.4	8.88	10.7	7.87	8.22	4.33	3.83	8.21	1962
1963	2.78	2.28	2.87	17.4	18.3	22.1	13.0	7.78	8.77	4.88	4.08	3.22	8.44	1963
1964	3.08	2.78	2.88	33.8	78.0	27.8	13.8	7.48	8.72	8.88	7.14	4.84	18.4	1964
1965	4.14	3.88	4.47	28.8	82.4	23.4	14.8	7.88	8.88	18.2	8.83	8.88	18.3	1965
1966	8.82	8.38	8.48	38.8	78.8	31.1	8.88	/ 8.22	3.22	4.17	2.88	3.48	18.1	1966
1967	2.38	2.08	2.88	43.8	38.3	23.2	8.03	7.81	2.17	2.31	2.28	1.88	11.2	1967
1968	1.44	0.887	3.88	38.8	32.7	42.8	31.8	11.3	8.74	21.8	10.8	7.88	17.8	1968
1969	8.01	8.80	7.04	88.1	46.2	18.1	8.84	8.18	2.31	4.38	4.32	3.38	18.2	1969
1970	3.42	3.14	3.88	31.0	81.8	42.1	18.3	8.48	8.84	33.4	41.4	18.8	24.1	1970
1971	8.83	8.28	7.37	81.1	82.0	28.4	10.3	3.74	3.08	22.8	32.0	18.4	22.2	1971
1972	8.88	8.27	8.18	18.8	74.8	32.7	14.7	8.74	8.18	4.88	4.08	1.82	18.4	1972
1973	2.18	2.78	8.08	36.2	38.8	24.8	18.8	18.8	20.8	20.7	21.0	10.8	18.8	1973
1974	8.80	8.73	8.00	30.2	83.0	31.8	10.1	8.04	11.3	11.0	18.0	10.7	17.1	1974
1975	12.2	7.88	8.84	28.8	80.7	14.1	8.12	3.72	2.70	2.82	8.32	8.48	12.8	1975
1976	4.33	3.87	8.78	78.8	28.1	17.8	7.88	3.87	1.14	0.493	0.323	0.081	12.8	1976
1977	0.082	0.227	1.84	8.21	3.80	3.84	2.87	2.48	84.8	88.3	32.0	20.4	18.3	1977
1978	11.2	8.88	8.33	22.2	84.2	31.2	14.8	8.80	8.82	8.12	3.18	2.88	14.0	1978
1979	2.81	2.88	4.77	34.3	88.1	38.3	8.82	3.87	4.30	3.88	8.80	3.08	18.8	1979
1980	2.88	2.88	2.88	20.8	11.4	4.88	2.77	3.44	30.4	18.3	11.1	8.23	8.72	1980
1981	4.88	4.08	8.08	83.8	30.2	28.7	11.8	8.23	2.71	7.87	8.01	3.30	13.8	1981
1982	2.83	2.81	3.28	38.3	48.7	13.7	13.2	8.28	4.72	27.4	32.1	14.8	17.8	1982
1983	10.4	7.14	8.81	28.7	38.8	21.2	20.8	8.80	8.83	20.0	14.8	8.83	18.7	1983
1984	8.82	8.07	4.88	34.1	41.8	32.8	12.3	7.04	3.27	7.28	8.83	8.73	14.0	1984
1985	3.22	2.88	3.81	32.8	34.8	23.1	18.7	14.7	13.3	31.1	18.8	8.03	18.8	1985
1986	8.31	8.88	8.38	87.1	43.2	13.3	10.1	8.74	8.88	8.48	10.8	8.28	14.8	1986
1987	4.07	3.08	8.70	12.3	12.3	7.18	4.02	20.1	20.2	11.8	8.73	8.38	8.88	1987
1988	4.08	3.83	3.70	23.0	28.7	8.87	4.18	12.8	23.7	11.0	18.8	12.8	12.7	1988
MEAN	4.18	3.48	4.85	34.4	45.8	24.4	11.2	8.80	8.78	10.8	10.1	8.88	14.3	MEAN

LOCATION - LAT 48 00 44 N LONG 89 38 58 W DRAINAGE AREA, 1 550 km² NATURAL FLOW INTERNATIONAL GAUGING STATION

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	98.3 ON MAY 19	80.0 ON MAY 19	1.73 E ON JAN 1	381 000	1924
1925	151 AT 10:00 CST ON APR 24	133 ON APR 24	1.69 E ON FEB 1	302 000	1925
1926	103 ON APR 21	80.0 ON APR 22	0.9512 E ON FEB 1	402 000	1926
1927	208 ON APR 19	200 ON APR 20	2.27 E ON MAR 1	587 000	1927
1928	176 ON APR 4	165 ON APR 4	1.27 E ON MAR 15	578 000	1928
1929	---	70.8E ON APR 6	1.25 ON SEP 1	240 000	1929
1930	215 ON NOV 21	200 ON NOV 21	1.13 ON AUG 17	415 000	1930
1931	---	43.8 ON NOV 21	1.13 ON SEP 8	307 000	1931
1932	---	105 ON NOV 10	1.76 ON OCT 13	425 000	1932
1933	---	123 ON APR 19	2.21 ON SEP 4	414 000	1933
1934	311 AT 15:00 CST ON MAY 6 *	303 ON MAY 5 *	2.72 ON SEP 13	539 000	1934
1935	---	151 ON APR 26	3.54 ON OCT 1	489 000	1935
1936	---	209 ON MAY 7	1.76 ON OCT 17	398 000	1936
1937	---	153 ON APR 26	2.27 B ON FEB 12	474 000	1937
1938	136 ON APR 29	125 ON APR 29	2.27 B ON JAN 19	455 000	1938
1939	---	130 B ON APR 30	1.70 B ON DEC 30	424 000	1939
1940	103 AT 20:15 CST ON MAY 20	84.3 ON MAY 21	1.25 E ON OCT 23	312 000	1940
1941	185 ON APR 14	148 ON APR 14	1.42 B ON MAR 19	477 000	1941
1942	117 AT 15:00 CST ON APR 18	103 ON MAY 2	1.70 ON AUG 23	436 000	1942
1943	103 AT 01:00 CST ON APR 24	86.8 ON APR 24	2.55 B ON JAN 21	524 000	1943
1944	128 AT 14:00 CST ON JUN 5	122 ON MAY 13	2.27 B ON MAR 27	597 000	1944
1945	180 AT 03:30 CST ON MAR 28	161 ON MAR 28	1.05 ON NOV 4	449 000	1945
1946	84.0B ON MAR 28	78.9 ON OCT 11	1.25 B ON JAN 15	421 000	1946
1947	184 E ON JUN 12	178 E ON JUN 12	2.12 B ON FEB 26	822 000	1947
1948	263 AT 23:30 CST ON APR 27	261 ON APR 28	1.85 ON OCT 30	468 000	1948
1949	84.0 AT 00:10 CST ON APR 14	85.0B ON APR 13	1.98 B ON MAR 18	336 000	1949
1950	208 AT 23:00 CST ON MAY 11	208 ON MAY 12	2.83 B ON JAN 6	757 000	1950
1951	212 AT 20:30 CST ON MAY 2	208 ON MAY 2	4.87 ON AUG 18	739 000	1951
1952	138 B AT 23:30 CST ON APR 19	118 ON APR 20	2.83 B ON NOV 13	400 000	1952
1953	118 AT 18:00 CST ON MAY 31	108 ON MAY 31	1.90 B ON DEC 31	422 000	1953
1954	262 AT 10:15 CST ON MAY 1	224 ON MAY 2	1.69 B ON JAN 9	802 000	1954
1955	80.0 AT 15:30 CST ON APR 20	85.6 ON APR 19	1.38 ON SEP 15	278 000	1955
1956	119 AT 04:00 CST ON MAY 14	115 ON MAY 14	2.81 ON OCT 13	433 000	1956
1957	158 AT 20:00 CST ON APR 25	150 ON APR 25	2.55 B ON DEC 31	384 000	1957
1958	---	44.5 ON NOV 18	1.81 ON AUG 8	187 000	1958
1959	81.2 AT 07:00 CST ON MAY 7	69.7 ON MAY 7	1.83 B ON FEB 20	351 000	1959
1960	88.9 AT 01:00 CST ON APR 25	83.8 ON APR 25	2.26 ON OCT 11	303 000	1960
1961	100 AT 19:00 CST ON APR 21	82.3 ON APR 22	2.15 B ON JAN 30	342 000	1961
1962	44.7 AT 04:00 CST ON APR 28	43.3 ON MAY 16	2.84 B ON FEB 6	291 000	1962
1963	80.7 AT 03:00 CST ON JUN 20	75.0 ON JUN 20	2.26 B ON JAN 30	298 000	1963
1964	234 AT 02:30 CST ON MAY 6	192 ON MAY 6	2.81 B ON MAR 28	518 000	1964
1965	124 AT 20:30 CST ON APR 30	118 ON APR 30	3.74 B ON FEB 21	513 000	1965
1966	115 AT 20:30 CST ON MAY 19	114 ON MAY 19	2.48 B ON DEC 3	504 000	1966
1967	113 AT 18:30 CST ON APR 17	106 ON APR 18	1.33 B ON DEC 1	352 000	1967
1968	103 AT 01:00 CST ON JUL 17	97.4 ON JUL 17	0.8508 ON FEB 14	384 000	1968
1969	133 AT 22:45 CST ON APR 22	128 ON APR 22	1.84 ON SEP 21	480 000	1969
1970	184 AT 20:00 CST ON APR 30	159 ON APR 30	2.92 B ON FEB 24	758 000	1970
1971	143 ON APR 20	137 ON APR 21	2.28 ON SEP 27	688 000	1971
1972	137 AT 11:00 CST ON MAY 2	133 ON MAY 2	1.58 B ON DEC 13	488 000	1972
1973	90.6 AT 08:00 CST ON APR 22	85.6 ON APR 22	1.84 B ON JAN 10	586 000	1973
1974	132 AT 19:30 CST ON MAY 11	120 ON MAY 12	3.34 ON AUG 20	539 000	1974
1975	101 B AT 22:30 CST ON APR 27	84.3 ON APR 28	1.81 ON OCT 6	393 000	1975
1976	183 AT 20:30 CST ON APR 18	172 ON APR 17	0.0588 ON DEC 31	385 000	1976
1977	---	216 ON SEP 9	0.028 ON JAN 15 *	577 000	1977
1978	---	81.5 ON MAY 9	2.62 B ON DEC 19	440 000	1978
1979	212 AT 19:00 CST ON MAY 11	208 ON MAY 11	1.83 ON OCT 16	531 000	1979
1980	---	81.8 ON SEP 14	1.25 ON AUG 12	308 000	1980
1981	---	91.7 ON APR 11	1.42 ON SEP 25	430 000	1981
1982	---	148 ON APR 28	2.81 E ON MAR 6	551 000	1982
1983	---	88.3 ON APR 28	4.11 ON SEP 28	494 000	1983
1984	---	97.4 ON APR 28	1.69 ON OCT 15	444 000	1984
1985	---	108 ON APR 24	2.36 ON MAR 6	534 000	1985
1986	---	145 ON APR 30	3.62 ON AUG 31	488 000	1986
1987	---	85.6 ON AUG 12	2.01 ON JUL 17	306 000	1987
1988	---	108 E ON SEP 20	2.38 ON JUL 28	402 000	1988
				452 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER AT LURGAN - STATION NO. 02FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	4.06	1.84	4.24	4.18	2.86	0.086	0.002	0.003	0	0.018	2.07	1.32	1.72	1974
1975	4.42	3.82	5.43	3.61	0.724	0.274	0.006	1.35	0.711	0.303	1.14	4.07	2.17	1975
1976	1.32	6.74	10.8	1.22	1.30	0.107	0.228	0.021	0.088	0.241	1.44	0.486	1.89	1976
1977	0.218	0.660	16.0	2.70	0.084	0	0.001	1.30	1.60	2.64	3.07	3.55	2.67	1977
1978	0.864	0.322	2.74	8.34	0.405	0.223	0	0	2.58	1.75	0.372	1.07	1.37	1978
1979	1.26	0.806	10.8	5.22	0.573	0.026	0.106	0.033	0	0.457	2.82	4.21	2.18	1979
1980	1.33	0.310	9.30	4.38	0.885	0.276	0.178	0.081	0.532	1.80	1.25	3.22	1.96	1980
1981	0.221	13.0	2.41	1.39	2.28	0.186	0.195	0.266	1.33	1.63	1.87	2.26	2.19	1981
1982	1.82	0.256	11.0	3.36	0.228	4.78	0.146	0.401	0.181	0.088	3.50	6.67	2.72	1982
1983	1.86	4.44	2.20	2.45	1.70	0.265	0.062	0.084	0.550	0.758	1.46	2.83	1.83	1983
1984	0.401	12.4	3.83	1.22	2.15	0.823	0.078	0.002	0.041	0.050	2.89	3.97	2.26	1984
1985	0.803	8.15	12.1	5.81	0.489	0.218	0.018	0.088	0.130	0.881	2.58	1.32	2.65	1985
1986	3.03	0.941	8.86	2.14	0.844	0.401	0.811	0.381	12.7	3.88	0.845	1.84	3.10	1986
1987	0.803	0.348	5.32	1.84	0.117	0.185	0.074	0.042	0.034	2.00	4.25	5.71	1.78	1987
1988	1.87	2.78	8.60	1.33	0.328	0.018	0	0	0	3.84	8.10	3.78	2.11	1988
MEAN	1.82	3.78	7.52	3.14	0.892	0.508	0.113	0.270	1.36	1.37	2.31	3.08	2.16	MEAN

LOCATION - LAT 44 05 40 N LONG 81 43 31 W DRAINAGE AREA, 154 km²
NATURAL FLOW

PINE RIVER AT LURGAN - STATION NO. 02FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	104 AT 08:10 EST ON APR 4	46.2 ON APR 4	0 ON JUL 14 *	54 200	1974
1975	74.5 AT 08:52 EST ON DEC 15	41.8 ON DEC 15	0 ON JUL 8	68 500	1975
1976	123 AT 02:17 EST ON MAR 21	58.1 ON MAR 20	0 ON AUG 27	63 000	1976
1977	186 AT 05:35 EST ON MAR 13	133 ON MAR 13 *	0 ON MAY 23	84 100	1977
1978	38.5 AT 19:30 EST ON APR 1	28.8 ON APR 1	0 ON JUL 1	43 200	1978
1979	127 AT 00:52 EST ON MAR 5	84.7 ON MAR 5	0 E ON JUN 15	68 800	1979
1980	75.5 AT 22:56 EST ON MAR 20	57.3 ON MAR 21	0.048E ON SEP 12	62 000	1980
1981	67.4 AT 15:45 EST ON FEB 23	57.0 ON FEB 23	0 E ON JUL 22	58 000	1981
1982	81.6 AT 08:30 EST ON MAR 31	60.1 ON MAR 31	0.007 ON JUL 25	65 800	1982
1983	21.3 AT 00:25 EST ON DEC 13	20.3 ON FEB 3	0 ON JUL 25	46 100	1983
1984	73.2 AT 07:07 EST ON FEB 14	63.4 ON FEB 14	0 ON AUG 10	71 500	1984
1985	80.4 AT 02:42 EST ON APR 5	61.0B ON FEB 24	0 ON AUG 2	63 500	1985
1986	250 E AT 00:25 EST ON SEP 12 *	85.2A ON SEP 12	0.028 ON SEP 8	87 900	1986
1987	35.9 AT 01:47 EST ON MAR 8	26.6B ON MAR 6	0 ON JUN 15	56 500	1987
1988	---	37.2E ON MAR 24	0 A ON JUN 25	66 800	1988
				66 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.707	0.532	0.834	20.0	25.5	3.08	---	---	---	---	---	---	---	1972
1973	0.727	2.08	4.14	11.5	11.5	4.17	4.07	2.38	2.84	4.80	6.33	1.97	4.88	1973
1974	0.459	0.340	0.373	17.0	17.4	6.78	0.768	1.84	4.23	3.81	5.85	1.48	4.82	1974
1975	3.35	0.745	1.38	22.9	9.51	1.18	0.446	0.085	0.048	1.47	3.52	1.80	3.88	1975
1976	0.803	0.381	2.85	38.0	2.87	2.31	0.211	0.021	0.022	0.026	0.026	0.024	3.88	1976
1977	0	0	2.81	8.01	0.889	0.224	0.258	0.851	46.4	14.3	4.77	1.80	6.40	1977
1978	0.842	0.317	0.284	13.6	13.8	8.85	3.43	---	---	---	---	---	---	1978
MEAN	0.884	0.825	1.75	18.8	11.8	3.79	1.38	1.05	10.8	4.84	4.48	1.37	4.80	MEAN

LOCATION - LAT 46 04 20 N LONG 89 32 00 W DRAINAGE AREA, 389 km²
NATURAL FLOW

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	83.3 AT 16:30 CST ON NOV 21	82.4 ON NOV 21	0.411 ON SEP 20	153 000	1973
1974	63.1 AT 22:16 CST ON MAY 11	47.0B ON APR 26	0.2398 ON APR 8	155 000	1974
1975	98.2 AT 22:57 CST ON APR 25	82.9 ON APR 25	0 ON OCT 2 *	122 000	1975
1976	137 AT 12:00 CST ON APR 16 *	116 ON APR 17	0.002 ON DEC 31	125 000	1976
1977	---	186 E ON SEP 10 *	0 B ON JAN 1	202 000	1977
1978	91.6 AT 02:05 EST ON JUN 26	89.1 ON JUN 26	---	---	1978
				151 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	2.69	3.59	---	1967
1968	---	---	---	3.31	2.02	1.41	1.08	1.25	1.23	1.21	1.60	5.74	---	1968
1969	---	---	---	5.75	3.63	2.04	1.59	1.30	1.11	1.26	1.38	1.84	---	1969
1970	1.62	1.23	1.34	5.28	3.12	1.73	1.70	0.928	1.10	1.09	1.23	2.01	1.95	1970
1971	1.31	1.62	2.10	7.48	2.58	1.62	1.18	0.907	0.787	0.811	0.673	1.28	1.67	1971
1972	1.37	1.18	1.45	5.77	2.89	2.02	1.31	1.04	0.813	1.10	1.36	1.81	1.62	1972
1973	2.41	1.78	7.03	5.83	3.47	1.86	1.35	1.44	0.821	1.29	2.34	1.86	2.84	1973
1974	2.84	2.54	7.07	4.83	4.20	2.23	2.44	1.34	1.00	1.28	1.60	1.24	2.71	1974
1975	1.38	1.80	2.87	4.90	2.84	1.78	1.48	1.42	1.13	1.08	1.19	1.42	1.82	1975
1976	1.82	3.80	8.81	5.83	3.88	2.36	2.01	1.24	1.67	1.72	---	---	---	1976
1977	0.980	0.852	6.84	3.44	1.82	1.32	1.07	1.38	1.72	2.45	---	---	---	1977
1978	1.89	1.47	1.72	5.84	2.92	2.38	1.47	1.38	1.53	1.66	1.66	1.60	2.18	1978
1979	1.51	1.01	6.12	5.73	4.26	1.89	1.66	1.45	0.861	1.56	2.02	2.86	2.67	1979
1980	3.05	1.75	5.75	4.60	2.56	1.80	3.62	2.21	1.87	2.28	2.34	2.86	2.69	1980
1981	1.48	3.66	3.73	3.06	2.81	1.69	1.31	1.48	1.87	2.13	2.64	2.36	2.39	1981
1982	1.92	1.38	3.18	6.43	3.11	2.71	1.81	1.70	1.43	1.38	2.71	3.22	2.75	1982
1983	2.66	2.77	3.60	4.12	3.42	2.05	1.68	1.18	1.10	1.15	1.81	1.80	2.21	1983
1984	1.31	3.69	3.75	4.00	2.67	1.56	1.20	0.974	1.21	1.07	1.44	2.31	2.17	1984
1985	1.81	3.60	4.36	7.93	3.31	2.04	1.36	1.37	1.22	1.24	2.47	1.93	2.70	1985
MEAN	1.82	2.15	4.31	5.49	3.15	1.94	1.68	1.33	1.27	1.43	1.85	2.32	2.35	MEAN

LOCATION - LAT 44 11 58 N
LONG 78 57 35 W

DRAINAGE AREA, 195 km²
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REPLACED BY 02ED014 IN 1986

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	14.2 ON APR 15	---	---	1969
1970	15.1 E AT 05:00 EST ON APR 16	14.3 E ON APR 21	0.5959 ON FEB 26 *	52 000	1970
1971	23.8 E AT 13:00 EST ON APR 13	21.8 E ON APR 13	0.871 ON AUG 21	56 900	1971
1972	19.7 E AT 10:23 EST ON APR 19	17.0 E ON APR 19	0.868 ON SEP 23	57 700	1972
1973	16.1 AT 12:24 EST ON APR 2	15.1 ON APR 2	0.810 ON SEP 16	83 300	1973
1974	38.2 AT 14:25 EST ON MAR 5	24.4 ON MAR 5	0.726 ON AUG 22	85 500	1974
1975	24.1 AT 21:26 EST ON APR 18	19.3 ON APR 19	0.823 ON SEP 10	80 500	1975
1976	38.4 AT 17:26 EST ON MAR 21 *	32.8 ON MAR 21	---	---	1976
1977	---	15.3 ON MAR 10	---	---	1977
1978	12.4 AT 18:46 EST ON APR 20	12.2 ON APR 20	1.02 E ON AUG 26	59 100	1978
1979	---	22.2 ON APR 14	0.740 ON SEP 27	64 100	1979
1980	---	38.2 ON MAR 21 *	1.22 ON JUL 14	91 200	1980
1981	---	11.8 ON FEB 20	0.851 ON AUG 26	75 500	1981
1982	26.0 AT 18:54 EST ON MAR 31	18.4 A ON APR 1	1.13 ON OCT 8	85 700	1982
1983	8.22 AT 13:58 EST ON APR 10	7.12 ON APR 10	0.788 ON JUL 27	69 600	1983
1984	22.2 AT 13:47 EST ON FEB 15	21.6 ON FEB 15	0.606 ON AUG 27	68 800	1984
1985	30.6 E AT 00:30 EST ON FEB 27	16.8 ON FEB 27	0.878 ON AUG 10	85 200	1985
				74 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE/MUTA RIVER AT EYES LAKE - STATION NO. 04FA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	37.3	27.5	14.8	---	1966
1967	7.84	6.77	7.00	10.9	115	150	41.6	31.0	10.0	---	---	20.3	---	1967
1968	13.6	8.78	5.84	38.5	117	106	109	111	78.4	103	78.5	30.7	68.7	1968
1969	13.6	10.2	9.41	60.1	169	139	175	88.1	120	145	84.5	32.7	81.6	1969
1970	16.1	11.5	8.84	13.6	183	88.7	75.0	87.7	151	128	79.2	38.0	70.2	1970
1971	22.6	15.1	11.5	87.3	249	89.1	89.5	128	36.8	100	112	38.2	77.1	1971
1972	19.3	11.6	8.83	13.9	192	81.0	86.4	81.3	40.2	97.3	81.1	28.5	68.4	1972
1973	17.7	12.3	8.73	21.9	188	72.2	84.0	44.0	61.3	86.2	44.0	25.3	63.3	1973
1974	15.2	10.2	7.80	12.9	180	226	110	181	139	86.3	38.1	24.1	82.4	1974
1975	16.6	11.9	8.50	13.2	154	88.6	88.2	82.9	44.2	26.4	38.7	18.5	80.2	1975
1976	9.37	6.77	5.68	70.9	131	53.2	22.2	24.4	41.7	40.7	20.8	10.4	38.6	1976
1977	6.81	5.33	4.88	63.1	122	40.8	47.3	62.6	87.8	48.1	31.1	17.8	44.1	1977
1978	12.1	8.88	8.88	13.6	183	88.7	53.3	117	128	88.2	87.1	20.0	84.4	1978
1979	9.30	6.84	7.04	46.1	174	84.3	100	87.6	188	115	113	31.3	78.6	1979
1980	14.6	8.24	5.46	41.2	104	26.5	14.9	16.6	38.9	87.0	38.1	14.9	34.3	1980
1981	8.87	6.33	9.47	14.6	144	183	41.9	12.0	12.6	30.6	84.3	21.3	45.2	1981
1982	10.1	7.18	8.21	7.87	184	156	86.6	86.5	73.6	112	80.4	23.0	86.5	1982
1983	10.6	8.78	6.06	9.43	81.2	84.2	107	28.4	22.7	33.2	30.3	17.6	34.2	1983
1984	11.3	9.24	7.72	76.6	108	86.6	43.0	28.6	27.8	43.4	43.4	26.7	42.6	1984
1985	15.2	10.2	7.66	16.6	305	142	118	86.2	84.6	137	86.6	21.2	63.0	1985
1986	10.3	8.02	4.28	48.0	182	38.6	41.6	29.6	31.6	86.2	33.0	14.7	43.1	1986
1987	8.06	6.32	6.60	84.1	81.2	26.6	26.6	36.4	46.6	39.6	29.6	14.7	33.2	1987
1988	9.18	7.10	5.72	8.47	70.1	63.4	23.6	12.6	71.4	164	87.1	37.0	48.0	1988
MEAN	12.6	8.86	7.36	33.4	155	92.7	70.6	58.6	58.6	78.3	53.2	23.4	58.6	MEAN

LOCATION - LAT 52 18 30 N
LONG 88 45 15 W

DRAINAGE AREA, 4 800 km²
NATURAL FLOW

PINEIMUTA RIVER AT EYES LAKE - STATION NO. 04PA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	334E ON MAY 30	---	---	1967
1968	---	188 ON OCT 26	5.41B ON MAR 21	2 110 000	1968
1969	311 AT 20:00 EST ON JUL 2	305 ON JUL 2	6.85B ON APR 5	2 580 000	1969
1970	215 AT 22:20 EST ON SEP 13	214 ON SEP 13	7.70B ON APR 6	2 210 000	1970
1971	364 AT 18:40 EST ON MAY 11	361 ON MAY 11	10.8 B ON MAR 28	2 430 000	1971
1972	231 AT 10:20 EST ON MAY 8	231 ON MAY 8	7.70B ON APR 6	1 780 000	1972
1973	261 AT 04:38 EST ON MAY 12	261 ON MAY 11	6.85B ON APR 12	1 880 000	1973
1974	---	343E ON MAY 26	7.02B ON APR 5	2 800 000	1974
1975	214 AT 15:34 EST ON MAY 8	213 ON MAY 8	8.06B ON APR 16	1 580 000	1975
1976	185 AT 12:50 EST ON APR 26	185 ON APR 26	5.76B ON MAR 25	1 150 000	1976
1977	182 AT 13:40 EST ON APR 25	181 ON APR 25	4.56B ON MAR 25	1 380 000	1977
1978	283 AT 21:41 EST ON MAY 15	282 ON MAY 15	8.72B ON APR 5	2 030 000	1978
1979	---	256E ON SEP 11	6.08B ON MAR 13	2 490 000	1979
1980	173 AT 08:41 EST ON MAY 3	172 ON MAY 3	4.67B ON APR 8	1 080 000	1980
1981	---	243E ON JUN 21	7.67B ON FEB 8	1 420 000	1981
1982	---	285E ON MAY 7	4.75B ON APR 14	2 070 000	1982
1983	181 AT 12:11 EST ON JUL 10	178 ON JUL 10	4.25B ON APR 10	1 080 000	1983
1984	199 AT 18:52 EST ON APR 30	198 ON APR 30	7.17B ON MAR 28	1 340 000	1984
1985	451 AT 09:18 EST ON MAY 4 *	437 ON MAY 5 *	8.88B ON APR 16	2 620 000	1985
1986	231 AT 22:38 EST ON MAY 17	230 ON MAY 17	3.81B ON MAR 31 *	1 280 000	1986
1987	---	162 ON APR 30	6.02B ON MAR 12	1 080 000	1987
1988	---	183E ON OCT 8	5.35B ON MAR 31	1 480 000	1988
				1 790 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	2.30	4.13	7.89	0.714	0	0.078	---	---	---	1952
1953	---	---	---	0.848	2.16	7.84	1.56	0.708	3.26	0.867	0.384	---	---	1953
1954	---	---	---	12.8	10.1	2.62	0.922	0.183	0.846	0.284	0.841	---	---	1954
1955	---	---	---	13.0	3.77	11.3	0.931	0.150	1.18	4.34	---	---	---	1955
1956	---	---	---	16.7	8.60	3.84	2.88	0.485	0.108	0.117	---	---	---	1956
1957	---	---	---	12.8	3.80	3.00	2.61	0.188	0.815	1.33	---	---	---	1957
1958	---	---	0.240	1.38	0.884	2.71	11.7	0.823	0.117	0.514	---	---	2.26	1958
1959	---	---	0.091	6.87	5.47	4.95	0.838	0.026	0.284	1.03	---	---	2.40	1959
1960	---	---	---	4.83	1.74	1.77	0.570	0.257	0.124	0.370	---	---	---	1960
1961	---	---	1.81	8.05	3.53	0.381	0.832	0.339	5.35	2.12	---	---	2.36	1961
1962	---	---	0	13.6	22.0	10.8	9.03	5.17	3.06	0.842	---	---	8.18	1962
1963	---	---	1.06	7.70	5.70	12.0	1.88	0.820	0.058	0.034	---	---	3.80	1963
1964	---	---	0	6.44	10.3	8.37	1.77	3.58	7.19	7.88	---	---	5.40	1964
1965	---	---	0	14.7	12.8	7.01	4.48	0.383	3.81	7.72	---	---	6.31	1965
1966	---	---	0.378	27.4	15.6	4.81	1.21	5.88	1.08	0.858	---	---	7.08	1966
1967	---	---	0.788	22.0	10.8	11.1	2.81	0.952	0.018	0.252	---	---	6.00	1967
1968	---	---	1.08	8.81	2.78	19.3	8.42	8.08	11.7	12.8	---	---	8.70	1968
1969	---	---	0	18.0	5.88	3.48	0.317	3.17	0.173	1.57	---	---	4.03	1969
1970	---	---	0	13.5	16.8	8.88	1.32	0.015	0.288	1.18	---	---	4.96	1970
1971	---	---	0	10.0	5.38	2.85	1.20	0.348	0.247	7.80	---	---	3.47	1971
1972	---	---	0.028	10.4	7.78	2.34	0.455	0.052	0.159	0.415	---	---	2.71	1972
1973	---	---	0.872	1.78	0.784	0.727	0.812	3.58	3.64	6.44	---	---	2.33	1973
1974	---	---	0	14.4	16.9	12.2	1.48	0.858	0.582	1.41	---	---	5.80	1974
1975	---	---	0	13.5	9.19	3.04	1.80	0.018	0.044	0.271	---	---	3.47	1975
1976	---	---	0.138	6.44	1.28	2.28	0.810	0.014	0	0.008	---	---	1.61	1976
1977	---	---	0.311	0.846	3.60	3.83	0.888	0.088	2.87	2.73	---	---	1.88	1977
1978	---	---	0.002	18.4	9.01	10.8	7.88	1.78	1.12	0.550	---	---	5.84	1978
1979	---	---	0.123	25.5	8.25	4.88	0.702	0.157	0.170	0.158	---	---	4.81	1979
1980	---	---	0	7.02	1.51	0.088	0.048	0.278	2.34	2.13	---	---	1.87	1980
1981	---	---	0.138	1.18	1.50	7.31	2.24	0.833	0.613	3.84	---	---	2.17	1981
1982	---	---	0	10.5	12.8	3.77	4.71	2.02	0.880	6.45	---	---	5.36	1982
1983	---	---	0.263	3.88	2.40	7.71	2.18	0.018	0.398	2.88	---	---	2.42	1983
1984	---	---	0.328	8.18	2.88	12.8	1.81	0.026	0	6.84	---	---	3.71	1984
1985	---	---	1.88	8.85	14.1	18.5	8.82	4.77	5.87	5.80	---	---	8.12	1985
1986	---	---	1.85	17.0	10.8	0.142	0.038	0.004	0.082	0.058	---	---	3.88	1986
1987	---	---	0.418	0.838	2.38	1.48	0.128	0.728	0.261	0.218	---	---	0.808	1987
1988	---	---	0.028	3.43	0.272	0.388	0.878	0.802	1.81	0.548	---	---	0.811	1988
MEAN	---	---	0.367	10.2	6.88	5.81	2.48	1.31	1.85	2.57	0.483	---	4.07	MEAN

LOCATION - LAT 48 45 10 N
LONG 84 14 00 W
DRAINAGE AREA, 461 km^2
NATURAL FLOW

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1971

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	21.8 ON APR 17	0 ON AUG 24 *	---	1952
1953	---	12.7 ON JUN 10	---	---	1953
1954	---	27.8 B ON APR 14	---	---	1954
1955	---	32.3 ON JUN 6	---	---	1955
1956	---	38.2 ON APR 22	0 ON AUG 16	---	1956
1957	---	55.4 ON APR 23	---	---	1957
1958	22.7 A AT 08:20 CST ON JUL 17	22.7 A ON JUL 17	0 B ON MAR 4	48 000	1958
1959	16.2 AT 03:00 CST ON APR 10	15.8 ON APR 10	0 B ON MAR 1	50 900	1959
1960	16.6 AT 10:30 CST ON APR 17	14.8 ON APR 15	0 B ON APR 1	---	1960
1961	14.8 AT 00:00 CST ON APR 23	14.8 ON APR 22	0 B ON MAR 1	50 100	1961
1962	65.7 AT 07:00 CST ON MAY 24	61.2 ON MAY 24	0 B ON MAR 1	173 000	1962
1963	54.4 AT 22:00 CST ON JUN 2	48.1 ON JUN 3	0 B ON MAR 1	78 300	1963
1964	45.4 AT 14:00 CST ON MAY 8	43.0 ON MAY 7	0 B ON MAR 1	114 000	1964
1965	---	34.3 ON APR 19	0 B ON MAR 1	134 000	1965
1966	62.0 AT 04:00 CST ON APR 18	60.6 ON APR 18	0 B ON MAR 1	150 000	1966
1967	68.4 AT 15:30 CST ON APR 22 *	66.6 ON APR 22	0 B ON MAR 1	127 000	1967
1968	64.6 AT 00:00 CST ON AUG 26	56.9 ON AUG 26	0 B ON MAR 1	164 000	1968
1969	51.8 AT 14:00 CST ON APR 15	51.5 ON APR 15	0 B ON MAR 1	85 300	1969
1970	49.0 B AT 22:30 CST ON APR 28	47.3 B ON APR 29	0 B ON MAR 1	105 000	1970
1971	---	23.3 B ON APR 14	0 B ON MAR 1	73 400	1971
1972	---	27.4 B ON APR 23	0 B ON MAR 1	57 300	1972
1973	21.0 AT 08:00 CST ON OCT 12	20.4 ON OCT 12	0 B ON MAR 1	49 400	1973
1974	48.7 AT 10:48 CST ON JUN 6	43.9 ON APR 22	0 B ON MAR 1	123 000	1974
1975	47.8 A AT 04:00 CST ON APR 26	46.7 A ON APR 26	0 B ON MAR 1	73 600	1975
1976	13.2 B AT 17:50 CST ON APR 8	12.6 B ON APR 11	0 B ON MAR 1	34 200	1976
1977	18.4 AT 04:25 CST ON JUN 1	15.7 ON JUN 1	0 B ON MAR 1	38 800	1977
1978	52.4 AT 14:30 CST ON JUN 1	50.4 ON JUN 1	0 B ON MAR 1	124 000	1978
1979	---	104 ON APR 28 *	0 B ON MAR 1	104 000	1979
1980	15.0 AT 21:20 CST ON APR 6	12.2 B ON APR 7	0 B ON MAR 1	35 400	1980
1981	12.2 AT 16:30 CST ON JUN 29	12.2 ON JUN 15	0 B ON MAR 1	45 000	1981
1982	40.3 B AT 05:00 CST ON APR 16	36.9 B ON APR 16	0 B ON MAR 1	113 000	1982
1983	---	23.8 ON JUN 23	0 B ON MAR 1	51 300	1983
1984	35.0 AT 18:54 CST ON JUN 10	35.6 ON JUN 10	0 B ON MAR 1	78 800	1984
1985	65.8 E AT 12:00 CST ON JUN 23	64.6 E ON JUN 23	0 B ON MAR 1	172 000	1985
1986	44.8 AT 10:38 CST ON APR 30	43.9 ON APR 30	0 ON JUN 29	77 800	1986
1987	8.31 AT 17:36 CST ON MAY 22	7.80 ON MAY 23	0.009 ON JUL 9	17 100	1987
1988	---	11.4 B ON APR 8	0.0028 ON MAR 1	19 300	1988
				85 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	14.9	5.45	5.73	1.62	0.388	---	---	---	1963
1965	---	---	---	---	---	---	---	---	---	---	4.83	4.12	---	1965
1966	4.04	2.87	---	---	19.1	2.53	0.839	---	---	---	---	---	---	1966
1967	---	---	---	---	11.7	3.80	2.30	1.88	0.470	---	---	---	---	1967
1968	---	---	1.47	5.29	5.17	5.39	---	---	---	---	---	---	---	1968
1970	---	---	---	---	---	5.16	1.40	0.420	1.69	---	---	---	---	1970
1978	---	---	0.788	5.31	5.84	5.04	3.20	3.91	4.24	2.00	0.935	---	---	1978
1982	---	---	---	---	---	---	---	---	1.24	---	---	---	---	1982
1983	---	---	---	5.00	3.81	5.93	5.38	1.86	1.78	7.10	3.12	4.00	---	1983
1984	2.04	1.47	1.27	5.88	5.82	10.3	4.33	1.27	0.814	1.80	2.85	2.12	3.82	1984
1985	1.38	1.08	1.23	18.5	17.3	5.28	5.49	2.82	11.5	13.4	3.00	1.89	7.08	1985
1986	1.10	0.880	1.16	14.7	14.5	1.89	1.26	0.311	0.535	1.94	1.88	1.75	3.52	1986
1987	1.19	0.904	2.32	3.26	2.61	1.80	0.525	5.56	2.70	1.00	0.987	1.03	2.26	1987
1988	0.568	0.478	0.867	5.89	4.63	1.28	1.38	5.84	10.5	4.02	3.31	3.06	3.78	1988
MEAN	1.72	1.28	1.30	5.09	5.56	5.56	3.05	3.63	3.38	3.95	2.58	2.53	4.05	MEAN

LOCATION - LAT 48 34 07 N, LONG 92 31 27 W
DRAINAGE AREA, 443 km^2
NATURAL FLOW

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1985	---	---	---	---	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	---	---	---	---	1988
1970	---	---	---	---	1970
1978	22.6 AT 08:20 CST ON JUN 2	22.3 ON JUN 2	---	---	1978
1982	---	---	---	---	1982
1983	13.2 AT 11:38 CST ON JUL 5	13.1 ON JUL 5	---	---	1983
1984	28.6 AT 05:10 CST ON JUN 9	28.2 ON JUN 9	0.285 ON OCT 15	115 000	1984
1985	65.3 AT 20:08 CST ON APR 23 *	60.0 ON APR 27 *	0.8058 ON MAR 10	223 000	1985
1986	24.1 AT 15:09 CST ON MAY 13	23.6 ON MAY 2	0.089 ON SEP 1 *	111 000	1986
1987	21.1 AT 00:37 CST ON AUG 2	16.6 ON AUG 1	0.246 ON JUL 16	71 400	1987
1988	28.4 AT 15:02 CST ON SEP 23	26.2 ON SEP 23	0.4188 ON JAN 28	120 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		126 000	MEAN

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	17.6	9.87	8.73	14.8	178	200	88.8	43.1	13.7	14.0	23.8	18.6	50.3	1967
1968	13.8	10.7	8.62	22.8	156	205	136	148	116	83.1	80.4	42.5	87.3	1968
1969	23.8	20.2	16.3	48.3	126	130	102	77.8	185	209	84.0	39.1	92.1	1969
1970	25.0	17.2	12.7	12.9	148	118	119	50.4	108	126	110	50.7	74.8	1970
1971	32.0	22.2	17.0	61.3	237	84.2	88.8	118	28.3	84.7	101	46.8	73.8	1971
1972	26.1	20.0	15.3	17.4	205	79.8	80.0	87.3	38.8	108	61.8	30.7	83.0	1972
1973	21.0	15.3	12.4	27.8	148	88.7	71.1	31.5	80.8	83.8	88.0	30.8	82.4	1973
1974	16.3	12.8	10.7	14.3	192	304	112	151	148	77.1	48.1	35.4	93.8	1974
1975	26.8	22.3	17.7	20.1	178	110	82.3	87.8	83.4	35.8	38.2	25.8	84.8	1975
1976	17.8	13.8	10.7	48.8	138	82.2	23.1	17.7	26.3	27.1	21.7	13.8	34.2	1976
1977	10.3	8.37	8.88	40.8	117	87.2	80.7	73.3	71.8	88.8	38.0	23.1	48.8	1977
1978	14.4	10.7	8.24	10.8	178	128	147	122	124	74.2	80.8	28.4	78.8	1978
1979	18.3	12.0	10.8	30.7	188	83.1	84.8	81.0	118	108	81.4	38.4	88.1	1979
1980	20.4	13.8	10.1	28.8	117	34.4	18.0	14.8	80.2	103	48.8	20.8	40.4	1980
1981	12.8	8.84	7.08	12.8	88.0	118	80.0	14.3	44.7	74.8	84.4	27.1	42.8	1981
1982	14.8	10.8	10.2	10.8	238	184	71.8	48.4	81.8	108	48.7	21.8	88.3	1982
1983	14.2	10.7	8.77	12.4	88.8	88.8	148	28.8	18.8	23.8	30.8	21.8	38.7	1983
1984	18.4	12.7	9.04	82.1	118	88.4	82.8	28.8	21.8	48.4	82.8	33.8	48.1	1984
1985	21.1	12.8	8.35	48.7	388	181	137	83.4	88.0	142	82.8	25.8	87.8	1985
1986	18.8	12.1	8.88	84.8	181	48.7	28.3	27.7	48.4	88.2	37.0	24.3	48.0	1986
1987	18.8	14.1	10.7	72.3	93.1	80.8	38.8	34.4	34.7	43.8	33.8	17.8	38.8	1987
1988	8.88	8.43	8.73	10.4	88.3	88.1	33.7	18.8	31.0	82.4	40.4	28.2	30.8	1988
MEAN	18.8	13.8	10.7	31.8	158	108	78.0	80.4	88.4	78.7	88.0	28.0	88.8	MEAN

LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 8 880 km^2
NATURAL FLOW

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	488 ON MAY 30	8.108 ON MAR 12 *	1 880 000	1967
1968	---	303 ON MAY 28	8.138 ON MAR 23	2 780 000	1968
1969	308 AT 12:05 EST ON OCT 1	309 ON OCT 1	12.1 ON APR 8	2 810 000	1969
1970	183 AT 03:38 EST ON MAY 13	183 ON MAY 13	8.77 ON APR 20	2 380 000	1970
1971	331 AT 13:55 EST ON MAY 10	331 ON MAY 10	14.4 ON MAR 28	2 320 000	1971
1972	283 AT 12:34 EST ON MAY 10	283 ON MAY 10	14.0 E ON APR 7	1 880 000	1972
1973	188 AT 04:47 EST ON MAY 13	188 ON MAY 12	11.8 ON APR 1	1 650 000	1973
1974	413 AT 18:48 EST ON JUN 13	413 ON JUN 13	10.2 B ON APR 1	2 850 000	1974
1975	238 AT 08:13 EST ON MAY 13	235 ON MAY 11	14.1 E ON APR 12	1 730 000	1975
1976	182 AT 18:38 EST ON MAY 18	181 ON MAY 15	8.84 ON MAR 23	1 880 000	1976
1977	144 AT 08:21 EST ON MAY 2	143 ON MAY 2	8.21 ON APR 8	1 470 000	1977
1978	294 AT 15:50 EST ON MAY 18	292 ON MAY 18	8.888 ON APR 11	2 380 000	1978
1979	234 AT 02:53 EST ON MAY 23	233 ON MAY 22	8.748 ON MAR 18	2 080 000	1979
1980	181 AT 20:55 EST ON MAY 8	180 ON MAY 8	7.43 ON APR 18	1 280 000	1980
1981	159 AT 22:47 EST ON JUN 23	158 ON JUN 23	8.888 ON MAR 22	1 380 000	1981
1982	328 AT 20:01 EST ON MAY 11	327 ON MAY 11	7.108 ON APR 14	2 180 000	1982
1983	---	248 E ON JUL 8	7.888 ON APR 18	1 180 000	1983
1984	138 AT 17:53 EST ON MAY 4	137 ON MAY 4	8.328 ON MAR 28	1 420 000	1984
1985	558 AT 05:48 EST ON MAY 5 *	558 ON MAY 5 *	7.888 ON APR 13	3 080 000	1985
1986	248 AT 21:13 EST ON MAY 8	244 ON MAY 8	8.38 ON MAR 25	1 810 000	1986
1987	188 AT 00:50 EST ON APR 28	188 ON APR 27	10.3 B ON MAR 18	1 280 000	1987
1988	---	84.7 ON MAY 14	8.842 ON MAR 25	885 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 880 000	MEAN

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	0.828	0.432	2.75	17.4	7.12	2.38	1.80	0.880	6.00	3.03	7.38	2.06	4.32	1977
1978	0.833	0.868	0.410	2.81	27.5	10.2	7.26	1.33	1.71	7.67	2.47	1.40	5.36	1978
1979	0.893	0.828	1.36	21.0	31.6	9.86	7.12	1.02	3.73	10.3	5.74	2.32	7.80	1979
1980	1.08	1.21	0.595	23.4	16.8	4.22	3.10	1.81	4.56	6.50	3.09	1.36	5.44	1980
1981	0.738	1.47	3.15	25.8	13.0	2.73	1.30	0.857	0.525	3.47	3.46	1.36	4.80	1981
1982	1.07	0.788	0.629	9.33	21.1	2.75	4.75	0.949	4.88	13.3	5.86	2.75	5.75	1982
1983	0.978	0.814	1.70	7.29	36.8	8.62	1.28	1.34	4.02	8.38	3.65	1.90	6.19	1983
1984	1.13	1.83	1.77	18.5	8.54	11.7	8.84	1.19	1.25	2.61	5.03	3.87	5.20	1984
1985	1.47	0.784	0.611	18.1	12.6	3.38	6.88	2.81	1.58	5.28	8.62	2.12	5.23	1985
1986	1.09	0.804	1.01	21.7	12.8	2.42	1.82	5.04	4.88	8.04	4.35	1.89	5.80	1986
1987	1.31	0.971	1.84	10.7	4.49	3.42	4.30	5.19	4.22	7.58	4.07	2.33	4.20	1987
1988	1.41	1.26	1.29	18.7	22.8	2.57	1.07	7.82	5.66	8.63	13.9	4.07	7.07	1988
MEAN	1.07	0.970	1.45	16.1	17.6	5.36	3.63	2.80	3.88	6.81	5.48	2.27	5.67	MEAN

LOCATION - LAT 48 33 22 N DRAINAGE AREA, 401 km²
LONG 81 03 25 W NATURAL FLOW

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	35.7E ON APR 23	0.095 ON JUN 15 *	136 000	1977
1978	52.1 AT 08:11 EST ON MAY 14	51.8 ON MAY 14	0.354B ON MAR 18	170 000	1978
1979	52.6 AT 17:13 EST ON APR 27 *	52.3 ON APR 27 *	0.223 ON JUL 24	246 000	1979
1980	63.5 AT 19:03 EST ON APR 25	58.4 ON APR 25	0.515 ON AUG 6	172 000	1980
1981	38.9 AT 11:10 EST ON APR 14	37.3 ON APR 14	0.368 ON AUG 28	151 000	1981
1982	52.9 AT 00:00 EST ON MAY 4	52.0A ON MAY 3	0.544 ON AUG 15	181 000	1982
1983	59.1 AT 00:58 EST ON MAY 5	57.9 ON MAY 4	0.432 ON JUL 28	195 000	1983
1984	44.0 AT 13:11 EST ON JUN 26	43.7 ON JUN 26	0.550 ON SEP 5	185 000	1984
1985	81.4 AT 01:42 EST ON APR 26	79.6 ON APR 26	0.850B ON MAR 21	185 000	1985
1986	50.4 AT 05:32 EST ON APR 21	49.4 ON APR 21	0.820B ON MAR 4	177 000	1986
1987	17.0 AT 03:00 EST ON APR 16	16.9 ON APR 16	0.795B ON MAR 4	132 000	1987
1988	---	60.4 ON MAY 2	0.844E ON AUG 1	224 000	1988
				178 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1905	---	---	---	---	---	---	---	---	---	---	380	332	---	1905
1906	314	289	212	234	366	436	489	406	316	236	190	173	301	1906
1907	181	161	146	136	167	267	415	488	588	579	504	406	336	1907
1908	311	241	193	178	223	316	432	433	386	278	206	182	278	1908
1909	138	118	120	89.8	16.8	193	317	312	270	242	192	207	188	1909
1910	310	286	266	327	223	295	185	148	143	188	183	116	228	1910
1911	78.3	70.6	73.4	73.6	136	170	119	174	182	141	141	147	124	1911
1912	161	137	134	137	172	170	216	228	209	186	181	178	177	1912
1913	188	168	162	160	167	206	268	242	192	180	173	178	205	1913
1914	190	184	180	190	195	240	286	284	278	277	281	266	238	1914
1915	282	222	208	213	221	206	236	248	212	198	196	248	233	1915
1916	280	261	273	266	673	1 030	681	356	302	309	287	270	412	1916
1917	263	268	266	280	266	267	289	288	187	181	158	146	241	1917
1918	136	82.2	106	114	122	138	182	210	190	183	146	185	146	1918
1919	183	190	168	148	137	228	301	280	247	240	208	189	209	1919
1920	184	194	204	223	218	305	421	280	219	187	196	129	231	1920
1921	182	170	168	218	182	184	201	188	181	182	168	188	176	1921
1922	180	183	208	203	286	287	229	218	203	190	198	186	211	1922
1923	206	220	202	183	183	188	178	184	168	130	112	116	165	1923
1924	122	86.9	95.7	111	116	121	117	108	88.8	90.2	106	101	108	1924
1925	103	98.9	123	142	188	191	206	188	182	187	187	172	166	1925
1926	186	188	171	186	148	148	180	221	232	218	209	323	221	1926
1927	298	285	336	446	877	1 040	826	408	288	282	263	237	478	1927
1928	244	262	280	231	214	211	181	241	211	518	376	246	275	1928
1929	248	332	388	236	224	212	228	208	182	178	134	88.4	219	1929
1930	108	102	98.8	107	118	123	108	118	138	127	130	78.8	112	1930
1931	88.3	87.6	85.3	89.4	84.8	118	112	107	124	122	118	117	100	1931
1932	118	144	159	158	142	158	151	134	188	148	136	188	148	1932
1933	228	280	238	288	218	128	144	136	128	102	90.3	180	178	1933
1934	208	211	228	171	427	822	338	182	173	203	197	207	284	1934
1935	187	188	182	204	261	385	884	283	218	261	242	210	283	1935
1936	212	240	233	203	248	228	202	184	184	144	132	127	184	1936
1937	133	185	198	185	282	880	335	273	248	184	163	188	261	1937
1938	158	151	170	321	822	851	407	214	224	187	138	129	320	1938
1939	136	208	264	178	178	188	162	202	288	228	218	172	188	1939
1940	187	171	182	177	171	141	237	224	188	128	182	127	174	1940
1941	78.4	83.7	108	208	222	341	315	287	468	1 120	762	424	388	1941
1942	308	284	244	236	281	315	288	291	291	247	238	207	278	1942
1943	224	228	248	282	343	830	630	400	377	288	288	232	382	1943
1944	287	188	133	182	280	882	727	818	732	334	304	322	438	1944
1945	268	278	286	888	818	388	351	248	218	217	185	207	321	1945
1946	235	284	281	382	580	303	226	124	151	388	484	416	314	1946
1947	334	322	348	311	339	884	634	342	283	308	287	273	382	1947
1948	281	288	310	388	784	347	308	308	280	208	147	117	308	1948
1949	182	178	189	280	287	271	513	384	288	287	240	263	271	1949
1950	388	322	348	312	788	1 320	1 340	1 030	430	440	305	408	814	1950
1951	388	302	301	309	671	822	353	207	288	331	329	489	371	1951
1952	430	381	327	278	181	181	878	338	348	218	185	182	288	1952
1953	208	172	217	208	148	348	493	318	302	282	280	251	288	1953
1954	288	281	278	241	728	1 100	617	288	241	220	148	178	388	1954
1955	308	218	228	288	209	188	387	282	148	144	184	264	220	1955
1956	288	301	304	388	501	888	382	283	248	144	117	120	301	1956
1957	208	200	218	234	308	457	888	281	238	248	238	242	287	1957
1958	283	248	248	177	80.8	93.0	142	107	104	118	113	118	181	1958
1959	184	188	218	180	188	208	228	232	248	283	271	284	231	1959
1960	288	232	218	181	127	381	284	208	190	178	134	143	208	1960
1961	188	184	198	220	284	378	198	201	182	287	222	278	231	1961
1962	248	281	214	277	514	778	618	843	402	248	200	178	381	1962
1963	218	221	237	178	158	488	514	418	288	241	208	188	278	1963
1964	218	218	188	183	228	883	808	388	484	481	327	338	383	1964
1965	308	281	272	314	418	714	280	288	282	842	881	413	388	1965
1966	402	358	384	532	838	864	423	372	232	181	123	182	400	1966
1967	148	148	148	213	882	388	243	282	208	178	118	118	237	1967
1968	141	154	118	137	387	888	1 020	848	347	508	807	388	440	1968
1969	303	437	324	378	807	778	448	448	230	284	284	342	384	1969
1970	280	288	283	218	528	908	838	328	300	384	812	843	428	1970
1971	386	321	282	378	484	588	228	188	112	288	877	748	414	1971
1972	482	338	330	288	288	388	344	388	238	183	233	288	288	1972
1973	201	184	187	180	124	112	181	287	228	488	431	387	287	1973
1974	322	314	288	227	827	938	870	188	274	281	388	331	401	1974
1975	328	332	291	310	518	383	418	188	141	117	187	238	288	1975
1976	338	188	288	335	333	234	288	180	107	118	84.4	82.4	203	1976
1977	84.8	88.2	84.8	84.8	74.4	72.4	84.7	85.7	807	888	781	687	288	1977
1978	382	300	284	212	182	778	588	382	408	288	233	288	388	1978
1979	217	188	267	284	714	774	281	188	131	109	132	213	281	1979
1980	288	288	218	180	80.0	72.0	72.3	72.8	78.5	71.8	188	238	148	1980
1981	248	288	178	118	333	483	228	188	118	108	188	212	224	1981
1982	218	224	242	284	387	887	428	277	187	418	888	807	388	1982
1983	388	284	287	248	123	181	408	273	242	283	307	278	288	1983
1984	212	283	281	231	241	488	483	217	111	132	132	208	268	1984
1985	228	224	228	284	777	888	788	388	372	778	447	432	488	1985
1986	338	302	288	282	778	428	228	212	184	188	238	241	288	1986
1987	211	208	188	141	88.8	88.2	82.8	78.8	278	211	182	172	188	1987
1988	171	148	134	118	101	98.8	78.1	281	788	472	278	284	248	1988
MEAN	231	223	233	238	328	421	372	278	283	283	258	248	277	MEAN

LOCATION - LAT 48 38 30 N DRAINAGE AREA, 38 800 km²
LONG 93 24 00 W REGULATED SINCE 1909

REMARKS - SUMMATIONS OF FLOWS THROUGH 3 OUTLETS

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1905	---	---	---	---	1905
1906	---	481 ON JUL 4	167 ON DEC 28	8 490 000	1906
1907	---	600 ON SEP 23	138 ON APR 1	10 800 000	1907
1908	---	458 ON JUL 24	150 ON DEC 31	8 800 000	1908
1909	---	388 ON AUG 21	8.50 ON MAY 8	5 830 000	1909
1910	---	408 ON MAY 11	59.5 ON DEC 5	7 210 000	1910
1911	---	197 ON AUG 5	30.8 ON DEC 24	3 820 000	1911
1912	---	286 ON JUL 31	101 ON MAR 24	5 800 000	1912
1913	---	433 ON JUL 19	125 ON APR 6	8 450 000	1913
1914	---	382 ON JUL 23	34.5 ON DEC 28	7 550 000	1914
1915	---	297 ON JAN 5	98.8 ON SEP 6	7 030 000	1915
1916	---	1 080 ON JUN 8	41.1 ON DEC 25	13 000 000	1916
1917	---	380 ON APR 13	34.3 ON DEC 25	7 810 000	1917
1918	---	281 ON AUG 20	24.4 ON DEC 25	4 850 000	1918
1919	---	422 ON JUL 12	17.3 ON MAY 14	8 800 000	1919
1920	---	589 ON JUL 8	63.0 ON DEC 25	7 300 000	1920
1921	---	255 ON APR 30	51.4 ON DEC 25	5 520 000	1921
1922	---	303 ON JUN 7	41.9 ON DEC 25	6 850 000	1922
1923	---	240 ON FEB 27	31.1 ON MAY 2	5 180 000	1923
1924	---	147 ON JUN 24	42.5 ON FEB 24	3 340 000	1924
1925	---	243 ON JUL 7	49.0 ON DEC 25	4 830 000	1925
1926	---	507 ON NOV 2	90.6 ON JUL 4	8 970 000	1926
1927	---	1 070 ON MAY 21	26.8 ON DEC 25	15 100 000	1927
1928	---	897 ON OCT 27	34.3 ON FEB 12	8 880 000	1928
1929	---	487 ON MAR 15	41.1 ON DEC 26	6 900 000	1929
1930	---	214 ON NOV 5	28.4 ON NOV 30	3 840 000	1930
1931	---	182 ON OCT 1	22.2 ON APR 8	3 180 000	1931
1932	---	258 ON JUL 26	38.8 ON OCT 23	4 710 000	1932
1933	---	515 ON MAY 8	36.8 ON NOV 13	5 610 000	1933
1934	---	748 ON JUN 12	33.7 ON AUG 12	8 320 000	1934
1935	---	436 ON JUL 9	37.8 ON AUG 11	8 280 000	1935
1936	---	303 ON JUN 2	14.0 ON SEP 7	8 120 000	1936
1937	---	847 ON JUN 27	44.7 ON NOV 14	8 230 000	1937
1938	---	1 040 ON MAY 31	32.0 ON JAN 9	10 400 000	1938
1939	---	326 ON SEP 6	34.9 ON AUG 13	8 260 000	1939
1940	---	388 ON JUL 28	14.4 ON APR 21	8 820 000	1940
1941	---	1 180 ON OCT 18	1.13 ON APR 20 *	11 700 000	1941
1942	---	809 ON SEP 8	41.2 ON DEC 27	8 700 000	1942
1943	---	1 080 ON JUL 1	32.8 ON JAN 3	12 100 000	1943
1944	---	1 090 ON AUG 23	20.4 ON MAY 7	13 800 000	1944
1945	---	833 ON MAY 2	34.8 ON DEC 23	10 100 000	1945
1946	---	845 ON NOV 11	90.4 ON AUG 28	8 800 000	1946
1947	---	1 030 ON JUN 14	81.7 ON DEC 25	12 100 000	1947
1948	---	881 ON MAY 18	84.4 ON DEC 25	8 780 000	1948
1949	---	841 ON JUL 8	80.1 ON JAN 23	8 850 000	1949
1950	---	1 380 ON JUL 7 *	188 ON JAN 22	15 400 000	1950
1951	---	878 ON MAY 28	91.5 ON AUG 19	11 700 000	1951
1952	---	786 ON JUL 19	63.6 ON DEC 25	8 410 000	1952
1953	---	928 ON JUL 3	78.2 ON MAY 3	8 480 000	1953
1954	---	1 140 ON JUN 10	88.7 ON NOV 21	11 800 000	1954
1955	---	770 ON JUL 4	52.7 ON SEP 5	8 830 000	1955
1956	---	801 ON JUN 10	37.4 ON OCT 28	8 500 000	1956
1957	---	988 ON JUL 1	88.5 ON JAN 1	9 040 000	1957
1958	---	397 ON JAN 15	14.3 ON MAY 25	4 770 000	1958
1959	---	311 ON OCT 23	84.8 ON AUG 23	6 980 000	1959
1960	---	827 ON JUN 24	41.8 ON DEC 4	8 810 000	1960
1961	---	516 ON JUN 4	48.3 ON JAN 15	7 270 000	1961
1962	---	841 ON JUN 6	44.8 ON DEC 16	12 000 000	1962
1963	---	813 ON JUN 28	24.8 ON APR 7	8 800 000	1963
1964	---	977 ON JUN 15	74.8 ON APR 12	12 400 000	1964
1965	---	852 ON JUN 14	81.2 ON AUG 28	12 800 000	1965
1966	---	888 ON JUN 8	48.4 ON NOV 24	12 800 000	1966
1967	---	857 ON MAY 13	77.9 ON MAR 5	7 480 000	1967
1968	---	1 040 ON JUL 17	88.1 ON MAR 3	13 900 000	1968
1969	---	900 ON JUN 11	110 ON SEP 10	13 400 000	1969
1970	---	848 ON JUN 22	124 ON MAY 3	13 800 000	1970
1971	---	918 ON NOV 7	98.0 ON SEP 7	13 100 000	1971
1972	---	887 ON JUL 28	118 ON OCT 7	8 470 000	1972
1973	---	823 ON OCT 28	88.5 ON JUN 16	8 100 000	1973
1974	---	891 ON JUN 21	139 ON AUG 18	12 700 000	1974
1975	---	884 ON MAY 20	108 ON OCT 9	8 080 000	1975
1976	---	408 ON APR 26	68.5 ON NOV 28	6 420 000	1976
1977	---	823 ON OCT 7	88.2 ON MAY 10	9 080 000	1977
1978	---	884 ON JUN 13	144 ON MAY 18	11 200 000	1978
1979	---	830 ON JUN 7	94.0 ON OCT 6	8 180 000	1979
1980	---	303 ON JAN 30	88.0 ON SEP 24	4 710 000	1980
1981	---	888 ON JUN 3	86.1 ON OCT 22	7 070 000	1981
1982	---	888 ON JUN 3	153 ON APR 11	11 300 000	1982
1983	---	558 ON JUL 5	100 ON MAY 21	8 820 000	1983
1984	---	737 ON JUL 3	97.4 ON OCT 17	8 180 000	1984
1985	---	992 ON JUL 8	193 ON JAN 1	14 800 000	1985
1986	---	811 ON JUN 2	88.0 ON OCT 14	8 880 000	1986
1987	---	302 ON SEP 13	53.8 ON JUL 1	4 880 000	1987
1988	---	893 ON SEP 27	81.1 ON JAN 1	7 840 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 730 000	MEAN

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	---	250	318	457	894	421	295	---	1928
1929	261	245	267	264	318	273	267	220	205	187	144	90.6	252	1929
1930	112	116	108	170	282	202	168	127	144	140	153	95.4	184	1930
1931	82.1	88.8	82.8	140	126	195	141	126	147	145	182	142	131	1931
1932	145	167	182	297	282	219	187	161	195	175	227	218	207	1932
1933	235	268	246	528	442	193	178	157	153	142	126	174	227	1933
1934	216	225	235	320	528	648	382	218	208	227	225	240	307	1934
1935	207	211	233	350	435	454	844	352	268	269	276	231	328	1935
1936	227	236	282	268	447	266	209	194	189	148	136	135	233	1936
1937	137	155	202	407	867	745	489	350	391	233	187	184	345	1937
1938	188	178	210	481	1 330	983	438	226	226	178	161	140	384	1938
1939	138	200	263	321	275	257	188	210	324	295	241	184	241	1939
1940	172	180	195	274	408	210	240	243	196	145	189	134	217	1940
1941	84.5	83.3	118	581	335	582	323	287	575	1 200	765	440	450	1941
1942	222	282	255	309	451	360	288	275	528	277	285	221	329	1942
1943	216	224	238	477	611	1 138	823	426	421	308	276	280	451	1943
1944	267	205	140	234	438	1 060	890	954	781	383	401	344	507	1944
1945	288	283	471	778	881	438	380	252	282	263	219	230	383	1945
1946	248	275	381	546	619	377	285	155	167	808	564	441	381	1946
1947	352	334	356	486	803	988	526	384	386	351	313	285	445	1947
1948	258	288	303	727	847	341	282	295	251	190	147	133	337	1948
1949	188	178	208	415	388	408	587	484	275	312	278	277	330	1949
1950	287	310	340	451	1 500	1 400	1 380	934	421	494	319	412	688	1950
1951	353	288	284	558	648	530	385	218	405	445	405	476	436	1951
1952	427	378	332	443	248	203	803	385	342	229	207	189	333	1952
1953	218	184	242	302	288	511	851	345	380	316	272	274	323	1953
1954	267	272	285	586	833	1 080	906	284	238	218	182	177	411	1954
1955	201	218	235	442	295	288	382	280	174	182	187	283	280	1955
1956	283	307	312	532	718	580	386	295	282	181	137	132	383	1956
1957	214	214	224	488	447	588	687	288	288	318	318	274	383	1957
1958	288	271	288	217	128	148	244	138	118	136	128	132	183	1958
1959	188	207	242	283	323	302	280	248	380	322	310	284	277	1959
1960	288	251	228	288	242	482	302	215	214	191	188	185	254	1960
1961	188	204	218	354	485	415	208	218	244	300	242	283	278	1961
1962	257	270	325	410	930	936	640	885	479	283	232	211	488	1962
1963	233	233	252	323	284	548	583	479	288	244	228	228	338	1963
1964	240	234	205	328	575	883	643	418	583	527	385	381	470	1964
1965	328	284	280	532	718	841	458	301	330	738	681	447	485	1965
1966	428	370	380	1 080	1 180	995	618	385	289	219	184	178	512	1966
1967	183	187	184	538	778	522	408	315	231	210	138	132	314	1967
1968	155	189	152	318	475	1 040	1 150	885	498	890	700	431	540	1968
1969	345	488	375	858	748	886	833	582	311	480	388	403	530	1969
1970	328	324	318	505	886	1 140	877	271	238	481	732	817	540	1970
1971	433	338	298	714	708	735	407	209	152	444	1 080	787	523	1971
1972	622	384	384	548	541	337	473	478	324	227	281	290	394	1972
1973	215	208	217	278	238	172	188	384	427	820	474	434	324	1973
1974	342	328	310	483	883	1 200	707	237	318	324	438	371	489	1974
1975	238	338	305	828	808	484	544	342	181	152	237	284	384	1975
1976	255	217	278	584	404	301	348	187	128	138	108	101	284	1976
1977	104	104	108	124	118	138	138	108	720	884	840	844	348	1977
1978	423	318	301	532	374	912	898	527	658	318	248	288	458	1978
1979	232	210	278	700	928	888	401	237	167	138	281	283	383	1979
1980	278	288	330	358	177	104	98.8	98.8	180	134	243	288	203	1980
1981	288	278	213	238	487	824	430	217	147	281	243	253	303	1981
1982	248	248	288	494	711	688	480	421	241	578	883	872	469	1982
1983	387	310	330	343	218	344	480	328	388	471	400	428	388	1983
1984	340	300	282	442	421	740	580	248	130	208	201	242	343	1984
1985	240	248	288	520	1 080	848	887	488	491	908	832	475	685	1985
1986	388	325	288	882	878	508	448	288	207	245	284	272	389	1986
1987	234	228	282	282	225	148	138	120	318	284	233	211	218	1987
1988	201	184	185	280	173	138	101	243	887	558	344	418	309	1988
MEAN	267	248	257	442	883	571	483	320	318	342	319	288	384	MEAN

LOCATION - LAT 48 38 04 N DRAINAGE AREA, 80 200 km² INTERNATIONAL GAUGING STATION
LONG 93 54 47 W REGULATED

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PC001

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1928	---	---	---	---	1928
1929	---	484 ON FEB 15	28.3 ON DEC 26 *	7 940 000	1929
1930	556 ON MAY 14	555 ON MAY 14	45.6 ON FEB 11	4 860 000	1930
1931	345 AT 23:00 CST ON JUN 17	337 ON JUN 17	48.18 ON MAR 1	4 140 000	1931
1932	---	445 ON NOV 12	50.68 ON JAN 4	5 540 000	1932
1933	---	550 ON APR 22	101 B ON NOV 13	7 460 000	1933
1934	---	750 ON JUN 13	119 ON AUG 13	9 570 000	1934
1935	---	554 ON JUL 9	126 B ON DEC 26	10 300 000	1935
1936	---	557 ON APR 20	106 B ON DEC 27	7 380 000	1936
1937	1 170 AT 03:00 CST ON APR 28	1 180 ON APR 28	112 B ON JAN 18	10 900 000	1937
1938	1 850 AT 07:00 CST ON MAY 8	1 840 ON MAY 8	96.38 ON DEC 26	12 400 000	1938
1939	---	504 ON APR 27	96.38 ON FEB 13	7 610 000	1939
1940	885 AT 05:00 CST ON MAY 3	858 ON MAY 3	96.38 ON DEC 26	8 880 000	1940
1941	1 390 AT 18:00 CST ON OCT 10	1 380 ON OCT 10	82.38 ON JAN 18	14 200 000	1941
1942	---	1 020 ON SEP 2	156 B ON DEC 26	10 400 000	1942
1943	1 350 AT 04:18 CST ON JUN 7	1 340 ON JUN 7	142 B ON JAN 4	14 200 000	1943
1944	---	1 350 ON JUN 8	88.08 ON MAR 8	15 000 000	1944
1945	1 070 AT 07:00 CST ON MAR 28	1 050 ON MAR 28	103 ON SEP 4	12 100 000	1945
1946	773 AT 15:00 CST ON MAR 28	753 ON MAR 28	105 ON SEP 3	12 000 000	1946
1947	1 530 AT 15:30 CST ON JUN 13	1 520 ON JUN 13	170 B ON DEC 26	14 000 000	1947
1948	---	1 280 ON APR 26	102 B ON DEC 7	10 700 000	1948
1949	---	897 ON JUL 10	98.38 ON JAN 3	10 400 000	1949
1950	2 030 AT 09:00 CST ON MAY 12 *	2 020 ON MAY 11 *	227 B ON JAN 2	21 700 000	1950
1951	1 390 AT 16:00 CST ON MAY 5	1 380 ON MAY 5	140 ON AUG 20	13 700 000	1951
1952	861 AT 16:00 CST ON JUL 23	858 ON JUL 23	85.08 ON DEC 26	10 500 000	1952
1953	923 AT 23:00 CST ON JUL 4	915 ON JUL 4	136 B ON JAN 2	10 200 000	1953
1954	1 170 AT 03:30 CST ON APR 18	1 180 ON JUN 1	123 ON NOV 22	12 900 000	1954
1955	594 AT 09:00 CST ON JUL 5	585 ON JUL 5	84.4 ON SEP 6	8 200 000	1955
1956	1 010 AT 04:00 CST ON APR 22	1 010 ON APR 22	78.38 ON DEC 27	11 200 000	1956
1957	1 280 AT 20:30 CST ON JUN 25	1 280 ON JUN 25	87.88 ON JAN 2	11 400 000	1957
1958	---	317 ON JUL 18	86.3 ON MAY 26	5 780 000	1958
1959	507 AT 03:30 CST ON SEP 10	504 ON SEP 10	114 ON JUL 8	8 740 000	1959
1960	646 AT 04:30 CST ON JUN 13	634 ON JUN 12	85.08 ON DEC 18	8 010 000	1960
1961	719 AT 05:00 CST ON MAY 18	716 ON MAY 18	80.18 ON JAN 16	8 780 000	1961
1962	1 560 AT 04:00 CST ON MAY 25	1 550 ON MAY 25	118 B ON DEC 26	15 400 000	1962
1963	835 AT 13:00 CST ON JUN 28	833 ON JUN 28	134 ON NOV 26	10 600 000	1963
1964	1 360 AT 03:00 CST ON JUN 28	1 350 ON JUN 28	140 ON APR 8	14 800 000	1964
1965	1 070 AT 00:30 CST ON JUN 10	1 070 ON JUN 9	117 ON SEP 7	15 800 000	1965
1966	1 610 AT 04:30 CST ON APR 27	1 500 ON APR 27	87.18 ON NOV 25	18 100 000	1966
1967	980 AT 08:30 CST ON MAY 5	951 ON MAY 5	89.58 ON MAR 6	9 910 000	1967
1968	---	1 310 ON JUL 19	96.38 ON MAR 4	17 100 000	1968
1969	1 850 AT 08:30 CST ON APR 18	1 840 ON APR 18	202 ON SEP 11	18 700 000	1969
1970	1 810 ON JUN 15	1 810 ON JUN 15	204 ON AUG 23	17 000 000	1970
1971	1 350 AT 01:00 CST ON NOV 3	1 340 ON NOV 3	139 ON SEP 21	16 500 000	1971
1972	---	1 010 ON APR 22	184 B ON DEC 31	12 500 000	1972
1973	---	818E ON OCT 15	134 E ON JUN 15	10 200 000	1973
1974	1 740A ON JUN 10	1 730A ON JUN 10	180 ON AUG 16	15 700 000	1974
1975	1 480 AT 08:30 CST ON MAY 1	1 490 ON MAY 1	132 ON OCT 7	12 100 000	1975
1976	763 AT 01:00 CST ON APR 8	738 ON APR 8	87.78 ON NOV 28	8 020 000	1976
1977	1 270 AT 07:00 CST ON SEP 28	1 270 ON SEP 28	87.1 ON MAY 11	10 900 000	1977
1978	1 210 AT 03:30 CST ON JUN 3	1 200 ON JUN 3	205 ON NOV 13	14 400 000	1978
1979	1 730A ON APR 28	1 720A ON APR 28	124 ON OCT 7	12 400 000	1979
1980	493 AT 09:30 CST ON APR 20	487 ON APR 20	88.8 ON AUG 14	8 420 000	1980
1981	861 AT 11:00 CST ON JUN 5	844 ON JUN 5	134 ON SEP 23	9 570 000	1981
1982	1 090 AT 05:00 CST ON APR 22	1 070 ON APR 22	193 ON APR 12	14 800 000	1982
1983	---	716 ON JUL 8	170 ON JUN 13	11 800 000	1983
1984	---	1 210 ON JUN 11	188 ON OCT 8	10 800 000	1984
1985	1 740 ON JUN 28	1 720 ON JUN 28	178 B ON JAN 2	16 700 000	1985
1986	1 100 ON MAY 3	1 080 ON MAY 3	140 ON SEP 1	12 800 000	1986
1987	490 AT 02:00 CST ON MAY 25	487 ON MAY 25	80.7 ON JUL 2	6 900 000	1987
1988	1 250 AT 03:00 CST ON SEP 23	1 240 ON SEP 23	84.0 ON JUL 22	9 790 000	1988
				11 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	2.05	---	---	---	---	---	---	---	---	---	1987
1988	---	---	---	3.14	---	---	---	---	---	---	---	---	---	1988
MEAN	---	---	---	2.60	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 45 04 52 N LONG 74 52 07 W
DRAINAGE AREA, 138 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED MAY 1986. SEASONAL OPERATION (FEB 15 - MAY 15)

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	27.8 AT 23:21 EST ON MAR 28 *	27.0 ON MAR 28 *	---	---	1987
1988	---	18.4 ON MAR 27	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	0.326	0.241	---	1960
1961	0.201	0.236	7.73	20.3	3.35	1.33	0.865	0.717	1.48	0.235	1.24	4.57	3.52	1961
1962	1.35	0.498	10.4	31.2	4.53	0.341	0.211	1.60	0.789	5.44	10.0	2.80	5.78	1962
1963	0.823	0.611	5.81	28.8	7.53	1.12	0.118	0.157	2.61	0.824	7.78	4.07	5.00	1963
1964	1.85	1.85	12.8	13.3	1.52	0.318	0.078	0.013	0.008	0.014	0.070	1.03	2.72	1964
1965	1.07	1.05	7.10	9.85	2.45	0.242	0.023	0.082	1.11	5.20	7.60	5.38	3.42	1965
1966	2.88	1.88	20.3	8.76	2.48	1.65	0.153	0.084	0.083	0.034	1.27	5.34	3.82	1966
1967	1.84	1.64	4.80	27.1	3.89	1.11	0.506	0.336	0.128	0.835	5.05	5.80	4.49	1967
1968	0.836	1.94	21.6	13.2	2.70	1.78	0.946	0.215	0.171	0.258	2.58	4.59	4.25	1968
1969	1.75	3.60	9.58	30.8	8.63	5.06	1.61	5.23	0.402	0.883	4.67	4.94	6.38	1969
1970	1.13	3.51	5.85	35.1	4.85	0.395	0.186	0.081	0.308	0.829	4.98	3.71	5.02	1970
1971	2.36	2.14	5.14	48.7	8.13	0.706	0.067	0.041	0.145	0.113	0.345	2.76	5.85	1971
1972	1.05	0.872	1.41	42.6	8.78	5.23	5.46	3.32	0.844	7.82	12.7	5.98	8.04	1972
1973	7.87	4.88	28.1	11.6	7.77	4.58	0.811	1.02	1.07	2.62	3.28	4.61	6.78	1973
1974	5.03	2.27	14.8	23.6	11.3	1.93	0.431	0.178	0.081	0.112	2.04	4.19	5.52	1974
1975	3.45	1.09	10.2	28.7	2.37	1.82	0.088	0.035	0.814	5.13	9.48	5.85	5.76	1975
1976	1.25	5.29	26.4	15.8	11.5	1.37	0.577	0.284	0.811	5.26	3.29	1.14	6.28	1976
1977	0.374	0.287	28.2	11.3	1.46	0.285	0.258	0.856	0.782	9.17	8.57	6.84	5.76	1977
1978	8.55	3.62	5.88	43.2	2.81	0.739	0.125	0.078	0.048	0.098	0.315	0.398	5.47	1978
1979	2.03	2.13	24.7	14.2	3.17	0.872	0.137	0.072	5.46	3.82	6.04	8.19	5.89	1979
1980	1.88	0.214	8.29	14.7	3.55	0.484	0.041	0.021	1.28	2.35	5.22	6.41	3.88	1980
1981	0.906	22.0	5.04	4.88	5.50	4.07	0.804	1.08	3.06	7.83	9.61	2.51	5.48	1981
1982	2.22	1.06	11.0	22.6	1.81	0.650	0.143	0.260	0.778	1.08	5.68	5.36	4.76	1982
1983	3.42	3.48	13.4	17.6	10.2	1.53	0.203	0.062	0.009	0.125	5.67	12.4	5.68	1983
1984	1.88	10.0	7.01	21.8	5.68	1.36	0.178	0.128	0.093	0.089	0.330	1.88	4.25	1984
1985	1.44	3.53	21.8	14.0	1.88	1.50	0.365	0.055	0.095	0.883	3.94	1.81	4.29	1985
1986	4.26	1.40	14.3	7.68	3.58	1.48	4.58	4.73	4.00	10.6	8.56	8.80	6.26	1986
1987	2.11	1.05	17.4	7.58	1.74	1.97	1.66	0.408	0.283	1.40	3.29	11.6	4.26	1987
1988	1.38	3.15	7.90	10.6	3.61	0.807	1.27	0.185	0.151	2.74	11.7	1.88	3.73	1988
MEAN	2.33	3.08	12.8	20.7	4.93	1.63	0.783	0.784	0.855	2.78	5.05	4.91	5.08	MEAN

LOCATION - LAT 45 09 10 N DRAINAGE AREA, 404 km^2
LONG 74 38 16 W NATURAL FLOW

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	43.65 ON MAR 29	0.074 ON FEB 1	111 000	1961
1962	---	114 B ON MAR 31	0.108 ON JUL 20	182 000	1962
1963	---	131 B ON APR 1 *	0.082 ON AUG 1	158 000	1963
1964	---	35.18 ON MAR 8	0.003 ON SEP 4 *	86 000	1964
1965	---	26.3 ON NOV 29	0.006 ON AUG 3	108 000	1965
1966	---	61.7 ON MAR 18	0.017 ON OCT 1	121 000	1966
1967	---	104 ON APR 3	0.023 ON SEP 20	142 000	1967
1968	---	60.78 ON MAR 26	0.034 ON AUG 14	135 000	1968
1969	74.28 AT 20:20 EST ON APR 7	83.48 ON APR 7	0.147 ON OCT 11	201 000	1969
1970	88.1 AT 03:30 EST ON APR 10	83.2 ON APR 10	0.042 ON AUG 15	158 000	1970
1971	89.7 AT 21:50 EST ON APR 20	86.0 ON APR 20	0.022 ON AUG 18	184 000	1971
1972	102 AT 03:55 EST ON APR 18	83.7 ON APR 18	0.331 ON SEP 25	255 000	1972
1973	---	75.08 ON MAR 18	0.068A ON SEP 3	213 000	1973
1974	---	66.08 ON MAR 8	0.034 ON AUG 31	174 000	1974
1975	---	101 ON APR 20	0.012 ON AUG 21	182 000	1975
1976	---	92.08 ON MAR 28	0.078 ON AUG 7	188 000	1976
1977	---	87.18 ON MAR 15	0.082 ON JUL 28	182 000	1977
1978	117 B AT 19:38 EST ON APR 14 *	107 B ON APR 14	0.021 ON JUL 29	172 000	1978
1979	75.8 AT 01:58 EST ON MAR 25	74.4 ON MAR 25	0.017 ON JUL 31	188 000	1979
1980	84.4 AT 01:18 EST ON APR 10	81.0 ON APR 10	0.003 ON AUG 24	116 000	1980
1981	97.2 AT 19:28 EST ON FEB 21	80.88 ON FEB 21	0.190 ON AUG 6	173 000	1981
1982	---	80.88 ON APR 1	0.027 ON AUG 24	150 000	1982
1983	86.7 AT 12:58 EST ON MAR 20	83.8 ON MAR 20	0.006 ON SEP 13	178 000	1983
1984	84.4 AT 20:00 EST ON APR 8	82.6 ON APR 8	0.022 ON AUG 11	134 000	1984
1985	---	81.38 ON MAR 14	0.022 ON SEP 26	135 000	1985
1986	83.3 AT 03:00 EST ON DEC 4	48.8 ON DEC 4	0.509 ON JUN 26	197 000	1986
1987	88.7 AT 00:01 EST ON MAR 27	80.0 ON MAR 27	0.036 ON SEP 7	134 000	1987
1988	---	45.48 ON MAR 27	0.033 ON AUG 11	118 000	1988
				160 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	
1983	1.43	1.62	1.75	2.24	2.20	0.728	0.188	0.203	0.073	0.361	0.826	2.13	---	1982
1984	0.558	2.74	2.40	4.42	2.08	0.731	0.382	0.841	0.426	0.213	0.578	1.05	1.33	1984
1985	1.13	0.918	3.56	2.98	1.00	0.492	0.157	0.128	0.309	0.288	1.99	1.34	1.18	1985
1986	1.18	0.835	2.70	2.01	0.951	0.646	0.188	0.267	0.896	0.988	0.708	1.10	1.02	1986
1987	0.926	0.628	2.25	3.58	0.644	0.422	0.131	0.071	0.117	0.234	0.491	1.37	0.804	1987
1988	0.800	1.03	2.48	2.80	0.747	0.247	0.118	0.108	0.286	0.452	0.452	0.482	0.787	1988
MEAN	1.01	1.30	2.53	3.01	1.27	0.544	0.187	0.213	0.271	0.383	0.809	1.24	1.04	MEAN

LOCATION - LAT 44 20 18 N DRAINAGE AREA, 86.7 km²
LONG 77 28 39 W NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 15 1982, FORMERLY CALLED "RAWDON CREEK AT WEST HUNTINGDON STATION"

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	5.85 AT 07:11 EST ON FEB 3	5.57 ON FEB 3	0.018 ON SEP 13	32 300	1983
1984	10.2 AT 08:40 EST ON APR 5 *	9.78 ON APR 5	0.155 ON JUL 29	42 200	1984
1985	8.31 AT 19:23 EST ON MAR 12	7.45 ON MAR 13	0.077 ON JUL 29	37 600	1985
1986	---	5.90B ON MAR 20	0.038E ON JUL 26	32 100	1986
1987	9.62 AT 00:18 EST ON APR 5	8.27 ON APR 5	0.017 ON AUG 21	28 500	1987
1988	---	11.4 ON MAR 28 *	0.006 ON AUG 22 *	25 200	1988
				33 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.418	0.196	3.22	1.45	0.675	0.171	0.201	0.184	0.786	0.528	0.464	0.527	0.736	1978
1979	0.769	0.303	1.51	2.42	0.378	0.567	0.178	0.232	0.201	0.229	0.343	1.12	0.688	1979
1980	0.453	0.194	1.45	1.38	0.375	0.251	0.113	0.113	0.291	0.224	0.131	0.183	0.431	1980
1981	0.076	1.40	0.225	0.442	0.251	0.359	0.504	1.18	2.26	1.20	0.518	0.223	0.718	1981
1982	0.326	0.170	3.21	0.959	0.244	1.08	0.267	0.338	0.514	0.185	0.776	1.18	0.775	1982
1983	0.408	0.836	1.21	1.16	0.805	0.307	0.288	0.320	0.180	0.283	0.823	1.44	0.864	1983
1984	0.151	1.88	1.61	1.85	0.733	2.36	0.155	0.213	0.958	0.087	0.458	0.707	0.895	1984
1985	0.317	2.45	2.27	0.784	0.223	0.177	0.191	0.398	0.085	0.227	2.56	0.880	0.848	1985
1986	0.658	0.402	1.88	0.672	0.628	0.388	0.470	0.395	0.867	0.478	0.703	1.20	0.703	1986
1987	0.308	0.181	1.18	2.03	0.178	0.639	0.630	0.694	0.334	0.198	0.551	0.884	0.850	1987
1988	0.183	0.822	0.444	0.358	0.187	0.089	0.372	0.631	0.217	0.224	0.545	0.332	0.344	1988
MEAN	0.367	0.777	1.85	1.20	0.426	0.578	0.305	0.425	0.578	0.351	0.705	0.769	0.677	MEAN

LOCATION - LAT 43 13 56 N DRAINAGE AREA, 80.8 km²
LONG 79 47 08 W NATURAL FLOW

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	31.4 AT 11:46 EST ON MAR 21	20.2 ON MAR 21	0.020 ON AUG 22	23 200	1978
1979	28.1 AT 18:03 EST ON DEC 26	17.8 ON DEC 26	0.013 ON JUL 30 *	21 700	1979
1980	27.7 AT 14:02 EST ON MAR 21	15.0 ON MAR 21	0.018 ON JUN 21	13 800	1980
1981	36.5 AT 08:08 EST ON SEP 5	15.8 ON SEP 5	0.0248 ON JAN 4	22 700	1981
1982	46.2 AT 15:50 EST ON MAR 13	20.4 ON MAR 13	0.055 ON MAR 4	24 400	1982
1983	25.8 AT 13:00 EST ON JUL 31	9.27 ON MAR 19	0.030 ON SEP 3	20 600	1983
1984	72.4 AT 21:04 EST ON JUN 13 *	35.1 ON JUN 18 *	0.045 ON OCT 31	26 300	1984
1985	38.5 AT 17:47 EST ON FEB 24	26.6 ON FEB 24	0.052 ON OCT 6	28 800	1985
1986	46.0 AT 23:00 EST ON JUL 18	11.1 ON MAR 11	0.058 ON SEP 8	22 200	1986
1987	53.5 AT 13:02 EST ON AUG 9	18.0 ON APR 5	0.052 ON JUN 10	20 800	1987
1988	---	10.7 ON AUG 11	0.0308 ON JAN 17	10 800	1988
				21 400	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.872	0.717	0.251	0.270	0.134	0.134	0.157	0.288	0.204	---	1974
1975	0.310	0.626	0.722	0.740	0.303	0.172	0.107	0.088	0.121	0.124	0.152	0.224	0.308	1975
1976	0.218	0.487	1.38	0.482	0.384	0.148	0.332	0.178	0.158	0.224	0.178	0.158	0.382	1976
1977	0.100	0.118	1.18	0.403	0.153	0.111	0.236	0.178	0.422	0.497	0.571	0.615	0.383	1977
1978	0.348	0.087	0.802	1.72	0.625	0.152	0.118	0.177	0.245	0.243	0.250	0.194	0.380	1978
1979	0.287	0.206	1.54	0.748	0.358	0.188	0.147	0.182	0.185	0.348	0.428	0.638	0.438	1979
1980	0.234	0.073	1.21	0.897	0.288	0.185	0.250	0.127	0.185	0.285	0.285	0.417	0.376	1980
1981	0.118	1.40	0.357	0.385	0.358	0.188	0.144	0.332	0.386	0.585	0.550	0.248	0.408	1981
1982	0.221	0.133	1.02	1.13	0.195	0.348	0.268	0.192	0.195	0.297	0.772	0.635	0.488	1982
1983	0.324	0.518	0.582	0.738	0.618	0.178	0.119	0.158	0.157	0.234	0.518	0.408	0.378	1983
1984	0.181	0.978	0.818	0.788	0.518	0.174	0.158	0.122	0.233	0.174	0.372	0.383	0.403	1984
1985	0.185	0.641	1.30	0.813	0.235	0.218	0.168	0.208	0.203	0.274	0.888	0.347	0.448	1985
1986	0.398	0.284	1.42	0.547	0.215	0.221	0.148	0.648	1.10	0.604	0.382	0.486	0.636	1986
1987	0.230	0.151	1.31	0.711	0.302	0.232	0.181	0.131	0.187	0.212	0.381	0.483	0.376	1987
1988	0.436	0.780	1.10	0.624	0.367	0.128	0.107	0.128	0.183	0.260	0.331	0.271	0.380	1988
MEAN	0.258	0.454	1.03	0.758	0.378	0.191	0.184	0.188	0.270	0.298	0.421	0.390	0.403	MEAN

LOCATION - LAT 43 58 07 N DRAINAGE AREA, 38.3 km²
LONG 78 12 03 W REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	5.27A ON MAR 5	0.086 ON AUG 22	---	1974
1975	---	5.88B ON FEB 24	0.040 ON AUG 20	9 840	1975
1976	10.2 AT 03:55 EST ON MAR 21	7.36 ON MAR 21	0.086 ON AUG 25	11 400	1976
1977	8.46 AT 08:30 EST ON MAR 13	6.57 ON MAR 13	0.082 ON JUN 8	12 100	1977
1978	8.58 AT 15:01 EST ON MAY 14	6.68 ON APR 7	0.085B ON FEB 5	12 300	1978
1979	8.60 AT 05:50 EST ON MAR 14	4.87 ON MAR 14	0.099 ON JUN 21	13 800	1979
1980	10.6 AT 17:16 EST ON MAR 21	7.32 ON MAR 21	0.042 ON AUG 27	11 800	1980
1981	---	6.80B ON FEB 19	0.083 ON JUL 16	12 800	1981
1982	12.6 AT 16:16 EST ON MAR 31	7.93 ON MAR 31	0.085 ON JUN 13	14 800	1982
1983	6.72 AT 05:46 EST ON APR 10	3.46B ON FEB 3	0.093 ON JUL 12	11 800	1983
1984	---	6.85B ON FEB 14 *	0.080 ON AUG 27	12 700	1984
1985	8.71 AT 06:31 EST ON APR 8	5.35 ON MAR 12	0.074 ON AUG 14	14 100	1985
1986	15.3 AT 19:23 EST ON AUG 19 *	8.73 ON MAR 19	0.032 ON JUN 10 *	16 800	1986
1987	---	5.20B ON MAR 2	0.084 ON AUG 1	11 800	1987
1988	---	5.18B ON MAR 8	0.073 ON AUG 22	12 000	1988
				12 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

REESOR CREEK NEAR ALTONA - STATION NO. 02HC040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.306	0.271	0.106	0.106	0.051	0.056	0.063	0.088	0.089	---	1974
1975	0.125	0.228	0.331	0.282	0.107	0.057	0.034	0.035	0.041	0.052	0.080	0.086	0.118	1975
1976	0.080	0.182	0.783	0.220	0.157	0.058	---	---	---	---	---	---	---	1976
MEAN	0.093	0.204	0.557	0.273	0.178	0.074	0.070	0.043	0.048	0.058	0.078	0.078	0.118	MEAN

LOCATION - LAT 43 57 16 N DRAINAGE AREA, 15.0 km²
LONG 78 12 26 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	---	2.06 ON APR 19	0.023 ON AUG 1 *	3 720	1975
1976	---	5.10B ON MAR 21 *	---	---	1976
				3 720	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	8.62	10.8	---	1970
1971	---	---	---	---	---	---	---	---	---	---	4.80	4.21	---	1971
1972	4.08	3.42	20.3	41.6	30.9	9.23	9.81	6.95	5.85	5.87	24.3	27.1	17.3	1972
1973	27.8	25.8	31.7	38.3	21.6	12.4	15.4	11.1	6.89	8.19	7.16	5.88	16.5	1973
1974	18.5	13.8	14.4	49.1	36.5	9.22	8.27	8.19	8.20	7.16	6.89	6.43	15.3	1974
1975	11.0	10.6	12.5	38.8	18.3	9.81	7.72	7.28	7.08	6.89	5.84	8.70	1975	
1976	11.2	17.8	38.8	42.8	20.1	8.21	9.18	7.89	8.72	6.41	8.80	12.1	12.8	1976
1977	8.48	11.2	8.84	26.1	8.31	12.3	7.81	7.88	7.24	7.11	8.18	8.28	18.4	1977
1978	26.0	35.3	13.3	33.8	---	6.89	8.24	8.80	8.23	8.67	5.71	10.0	8.08	1978
1979	11.8	21.6	17.5	26.8	---	---	---	---	---	---	4.45	3.72	---	1979
1980	23.6	10.2	9.70	32.8	---	---	---	---	---	---	10.8	10.2	---	1980
1981	12.7	18.8	24.8	8.10	---	---	---	---	---	---	---	---	---	1981
1982	13.4	16.0	15.8	26.7	---	---	---	---	---	---	8.76	24.1	---	1982
1983	21.8	11.2	8.10	27.8	---	---	---	---	---	---	30.8	17.8	---	1983
1984	14.1	15.9	29.2	46.7	---	---	---	---	---	---	8.12	22.2	---	1984
1985	8.80	11.8	24.1	21.1	---	---	---	---	---	---	16.8	28.8	---	1985
1986	9.08	12.1	13.8	4.53	---	---	---	---	---	---	4.88	4.20	---	1986
1987	19.8	11.3	10.1	24.2	---	---	---	---	---	---	13.4	15.2	---	1987
1988	14.0	12.8	12.2	19.8	---	---	---	---	---	---	26.8	21.3	---	1988
MEAN	14.7	15.3	18.2	29.8	22.8	8.71	9.14	8.28	7.31	6.70	9.23	31.8	---	1989
											10.7	8.81	---	1988
											11.4	14.2	14.3	MEAN

LOCATION - LAT 44 53 25 N LONG 76 03 45 W DRAINAGE AREA, 1 280 km² REGULATED

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.) SINCE 1976

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	128 AT 10:15 EST ON APR 27 *	122 ON APR 27 *	2.48 ON JAN 30	848 000	1973
1974	---	90.3 ON APR 7	5.95 ON DEC 7	521 000	1974
	84.8 AT 20:25 EST ON APR 9	90.6 ON APR 9	3.20 ON NOV 27	482 000	
1975	---	---	---	---	1975
1976	---	78.2 ON APR 25	5.35 ON MAR 19	385 000	1976
1977	77.8 AT 21:15 EST ON APR 4	77.0 ON APR 3	5.18 ON DEC 5	488 000	1977
1978	---	42.2 ON APR 8	0 E ON MAR 14 *	287 000	1978
1979	57.8 AT 08:50 EST ON APR 28	58.1 ON APR 28	---	---	1979
	42.4 AT 06:25 EST ON APR 6	41.4 ON APR 6	0.481 ON MAR 27	---	
1980	---	---	---	---	1980
1981	45.6 AT 16:35 EST ON APR 17	45.4 ON APR 17	0 ON MAR 23	---	1981
1982	85.4 AT 18:21 EST ON FEB 28	76.7 ON MAR 3	---	---	1982
1983	43.3 AT 13:45 EST ON APR 15	39.3 ON APR 21	---	---	1983
1984	---	40.0 ON APR 15	---	---	1984
	70.6 AT 02:05 EST ON APR 9	59.8 ON APR 9	---	---	
1985	---	---	---	---	1985
1986	37.1 AT 11:05 EST ON APR 9	31.1 ON APR 12	---	---	1986
1987	---	---	0 ON APR 1	---	1987
1988	54.6 AT 22:20 EST ON APR 8	54.2 ON APR 8	---	---	1988
	---	39.4 ON APR 8	---	---	
			---	454 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	35.5	9.77	8.48	7.12	8.84	8.51	15.0	---	---	1933
1934	---	---	---	---	14.2	8.58	8.03	8.16	8.13	8.08	11.5	---	---	1934
1935	---	---	---	---	20.3	18.3	13.1	8.18	8.86	12.8	12.8	---	---	1935
1936	---	---	---	---	26.3	8.78	8.04	8.81	8.17	17.1	42.3	---	---	1936
1937	---	---	---	---	57.8	14.3	8.08	11.2	8.43	14.0	57.8	---	---	1937
1938	---	---	---	---	18.2	8.08	8.38	8.87	8.50	8.02	8.91	---	---	1938
1939	---	---	---	---	36.8	8.27	8.81	11.8	8.21	10.8	20.4	---	---	1939
1940	---	---	---	---	47.1	41.0	12.5	8.75	8.02	8.83	11.5	---	---	1940
1941	---	---	---	---	7.38	8.10	8.78	7.13	8.87	7.14	10.8	---	---	1941
1942	---	---	---	---	18.8	8.88	7.43	8.12	13.1	10.7	30.4	---	---	1942
1943	---	---	---	---	170	45.8	8.87	8.80	10.4	10.8	28.8	---	---	1943
1944	---	---	---	---	27.8	10.8	8.23	8.18	7.84	8.77	8.11	---	---	1944
1945	---	---	---	---	111	47.4	33.7	17.4	23.1	61.8	61.2	---	---	1945
1946	---	---	---	34.8	24.3	10.8	8.06	8.07	8.38	11.8	33.8	48.4	---	1946
1947	42.2	78.8	87.2	288	87.3	62.5	52.1	18.2	13.8	11.3	17.0	---	---	1947
1948	---	---	---	88.0	35.8	16.4	11.2	12.1	8.78	8.87	15.8	10.2	---	1948
1949	14.0	28.3	82.0	184	26.6	8.48	8.51	8.82	8.40	10.3	11.5	30.0	32.6	1949
1950	110	28.0	38.5	261	21.5	11.0	7.95	7.82	8.35	27.7	58.2	24.7	45.6	1950
1951	43.3	36.0	152	212	33.3	12.7	16.6	13.3	12.4	11.1	32.8	38.7	51.2	1951
1952	37.7	58.1	88.5	188	62.6	17.2	12.2	23.0	18.9	16.3	18.0	48.3	43.6	1952
1953	18.7	26.8	112	80.4	46.5	11.6	8.55	8.47	7.62	10.4	13.4	20.0	30.5	1953
1954	12.1	18.7	88.0	222	62.8	18.1	12.2	10.5	18.4	35.7	88.7	48.3	49.5	1954
1955	44.4	40.2	84.4	205	21.5	11.0	7.95	7.82	8.35	27.7	58.2	24.7	45.6	1955
1956	16.7	10.4	19.8	183	117	58.4	14.0	8.48	8.82	10.1	13.2	8.85	37.5	1956
1957	11.5	10.2	47.6	33.7	11.4	7.31	8.08	4.82	4.78	5.78	8.25	13.2	13.8	1957
1958	8.85	4.85	58.2	86.6	21.7	8.61	8.63	8.44	8.59	27.1	28.1	10.4	24.1	1958
1959	10.4	12.2	37.8	188	14.0	7.83	8.02	8.26	10.5	11.0	23.1	38.1	29.3	1959
1960	13.6	28.0	48.5	308	50.2	10.2	7.82	7.51	8.37	8.82	17.3	6.82	42.3	1960
1961	5.37	3.55	34.0	84.5	33.2	28.1	15.1	8.22	8.15	8.82	11.8	8.45	20.7	1961
1962	8.03	4.88	21.4	117	28.1	8.00	7.40	7.71	7.07	12.7	30.5	15.2	22.0	1962
1963	8.36	8.78	48.8	103	42.1	10.8	8.13	8.88	8.88	8.80	24.4	30.8	24.5	1963
1964	13.0	18.5	83.4	71.8	24.8	10.8	7.78	8.72	8.14	8.43	7.42	8.73	20.1	1964
1965	5.11	8.20	38.2	85.8	21.2	8.00	8.28	7.53	11.0	21.7	58.5	87.8	30.0	1965
1966	45.8	23.8	120	87.3	21.6	14.6	8.35	8.33	8.56	11.3	15.7	35.4	30.8	1966
1967	25.8	41.1	48.6	111	31.1	14.9	11.8	10.8	10.8	37.7	72.8	47.0	38.2	1967
1968	15.4	12.4	88.7	80.1	11.6	17.8	24.1	8.06	11.7	12.3	28.8	80.7	31.7	1968
1969	30.9	32.8	81.8	203	67.7	49.8	33.2	12.8	8.84	8.34	18.1	30.0	47.3	1969
1970	10.2	8.38	34.8	210	43.7	8.44	8.54	7.77	10.8	22.7	47.8	38.3	37.8	1970
1971	27.1	26.8	81.8	285	64.2	11.6	8.47	8.81	8.32	10.6	8.24	16.2	41.6	1971
1972	12.8	12.7	22.8	284	73.7	32.2	42.0	28.8	8.38	33.1	74.4	72.8	86.6	1972
1973	72.4	81.8	188	113	86.4	27.7	8.34	13.6	8.46	18.1	28.8	43.8	64.8	1973
1974	67.6	38.2	84.8	203	84.8	17.7	11.1	7.78	7.72	12.6	18.2	27.7	48.8	1974
1975	38.1	18.8	82.1	188	33.0	8.81	7.18	8.88	10.7	21.1	30.2	42.6	38.8	1975
1976	17.1	48.6	187	184	88.8	26.0	15.0	10.8	11.8	36.7	27.7	11.4	51.1	1976
1977	8.38	13.1	182	86.4	18.1	7.74	8.88	8.41	8.88	23.8	30.6	47.8	36.4	1977
1978	74.4	71.8	43.3	242	22.7	8.88	4.88	8.82	8.82	12.0	8.02	7.88	41.8	1978
1979	18.8	28.2	141	108	33.8	18.8	7.84	8.82	8.80	22.8	38.4	84.3	40.2	1979
1980	39.8	14.0	104	128	82.8	10.3	8.10	8.08	12.8	27.7	37.7	70.7	43.1	1980
1981	21.0	148	74.8	30.4	28.3	48.8	18.4	28.3	102	88.2	84.4	34.3	57.8	1981
1982	27.3	23.0	88.5	191	20.4	29.0	10.8	10.4	14.8	22.8	38.1	75.7	43.1	1982
1983	82.0	30.7	78.8	127	101	17.0	8.61	8.08	8.12	14.8	88.8	88.4	48.7	1983
1984	30.3	78.4	70.7	214	88.3	17.4	8.38	10.3	7.28	10.4	11.3	12.8	43.8	1984
1985	15.1	28.4	143	87.8	12.8	8.19	5.24	4.78	7.07	18.7	38.1	38.2	34.3	1985
1986	28.8	24.7	77.5	88.2	85.8	32.5	24.8	43.8	88.0	108	87.1	88.8	63.7	1986
1987	43.7	21.4	101	108	18.7	32.7	21.3	8.02	13.4	21.0	37.5	110	44.8	1987
1988	27.0	30.8	88.8	92.0	34.5	8.78	7.07	8.80	8.83	17.3	88.4	18.7	31.8	1988
MEAN	28.3	30.5	78.5	145	43.2	16.7	12.0	10.2	12.2	18.8	30.4	36.8	38.0	MEAN

LOCATION - LAT 45 22 54 N DRAINAGE AREA, 3 630 km²
LONG 75 41 52 W REGULATED

REMARKS - PRIOR TO OCT 01 1956 RECORDS COLLECTED AT MANUAL STATION NO. 02LA002, 4.8 km DOWNSTREAM OF PRESENT SITE

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	144 ON MAY 12	2.52 ON SEP 3	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	221 ON MAY 14	3.60 ON JUN 10	---	1944
1945	---	---	---	---	1945
1946	---	320 ON MAY 18	---	---	1946
1947	---	---	---	---	1947
1948	---	536 ON APR 12	8.55 ON OCT 28	---	1948
1949	---	---	6.46 ON NOV 3	---	1949
		378 ON MAR 30	4.59 ON OCT 26	1 030 000	
1950	---	---	---	---	1950
1951	---	447 ON APR 6	5.89 ON JUL 22	1 470 000	1951
1952	---	419 ON APR 2	4.96 ON MAY 16	1 320 000	1952
1953	---	378 ON APR 6	7.08 ON JUL 7	1 380 000	1953
1954	---	331 ON MAR 28	7.08 ON NOV 3	881 000	1954
		405 ON APR 6	9.40 ON JUL 31	1 580 000	
1955	---	---	---	---	1955
1956	---	483 ON APR 6	4.53 ON MAY 25	1 440 000	1956
1957	---	351 ON APR 6	3.81 ON SEP 17	1 180 000	1957
1958	---	133 ON MAR 16	2.87 ON DEC 18	436 000	1958
1959	---	306 ON MAR 31	3.31B ON JAN 13	762 000	1959
		413 ON APR 6	4.84 ON OCT 16	923 000	
1960	---	---	---	---	1960
1961	---	532 ON APR 14	3.14 ON DEC 1	1 340 000	1961
1962	---	193 ON MAR 30	3.06B ON FEB 10	653 000	1962
1963	---	3238 ON APR 1	4.39B ON MAR 5	895 000	1963
1964	---	442 ON MAR 31	4.50 ON JUL 4	774 000	1964
		109 ON APR 23	3.85 ON DEC 22	838 000	
1965	---	---	---	---	1965
1966	---	148 ON DEC 31	3.48B ON FEB 1	847 000	1966
1967	---	2158 ON MAR 6	6.21 ON JUL 7	973 000	1967
1968	---	311 ON APR 3	7.70 ON SEP 19	1 210 000	1968
1969	---	377 ON MAR 30	7.33 ON AUG 15	1 000 000	1969
		328 ON APR 6	4.38 ON SEP 29	1 490 000	
1970	---	---	---	---	1970
1971	513 AT 00:30 EST ON APR 19	442 ON APR 14	8.95 ON JUL 13	1 190 000	1971
1972	578 AT 18:30 EST ON APR 20	486 ON APR 19	4.87 ON NOV 8	1 310 000	1972
1973	484 AT 02:00 EST ON MAR 18	535 ON APR 21	8.67 ON SEP 25	1 780 000	1973
1974	---	447 ON MAR 18	5.87 ON JUL 31	1 730 000	1974
		398 ON APR 6	8.26 ON AUG 26	1 840 000	
1975	413 AT 18:20 EST ON APR 19	394 ON APR 20	4.59 ON AUG 20	1 230 000	1975
1976	887 AT 04:29 EST ON MAR 28 *	583 ON MAR 28 *	7.33 ON AUG 31	1 620 000	1976
1977	473 AT 04:24 EST ON MAR 16	467 ON MAR 15	2.72 ON JUL 25	1 120 000	1977
1978	527 AT 22:09 EST ON APR 14	467 ON APR 14	2.87 ON JUL 14	1 320 000	1978
1979	423 AT 20:28 EST ON MAR 25	403 ON MAR 25	2.78 ON JUL 25	1 270 000	1979
1980	4218 AT 18:00 EST ON MAR 22	3858 ON MAR 22	3.05 ON JUN 13	1 370 000	1980
1981	448 AT 15:45 EST ON FEB 24	436 ON FEB 24	1.78 ON APR 28	1 820 000	1981
1982	435 AT 20:25 EST ON APR 1	387 ON APR 1	4.58 ON AUG 20	1 380 000	1982
1983	248 AT 13:16 EST ON MAY 4	224 ON MAR 20	3.41 ON JUL 26	1 570 000	1983
1984	398 AT 21:56 EST ON APR 6	385 ON APR 6	4.46 ON JUL 25	1 390 000	1984
1985	278 AT 22:48 EST ON MAR 14	265 ON MAR 15	1.46 ON JUL 25 *	1 080 000	1985
1986	286 AT 05:28 EST ON MAY 23	223 ON MAY 24	1.92 ON APR 28	1 690 000	1986
1987	353 AT 14:46 EST ON MAR 28	334A ON MAR 28	3.38 ON AUG 28	1 410 000	1987
1988	---	247 ON MAR 27	3.18 ON AUG 16	897 000	1988
				1 230 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	12.0	24.4	34.2	61.8	---	1980
1981	18.0	110	67.2	24.6	23.9	41.8	14.8	23.5	82.4	76.7	77.2	32.3	49.5	1981
1982	23.4	20.0	55.0	145	17.3	27.6	8.76	9.64	13.0	20.3	32.6	66.3	38.8	1982
1983	45.7	28.8	61.7	104	81.5	13.2	6.09	6.13	5.82	11.5	56.7	79.3	41.7	1983
1984	27.8	87.3	84.0	155	46.8	14.5	6.81	6.83	6.80	7.75	9.38	8.10	35.1	1984
1985	9.70	21.4	104	69.8	8.53	6.79	4.48	4.29	8.06	15.1	33.7	34.1	28.4	1985
1986	24.8	23.0	64.8	43.3	41.4	26.8	18.0	36.5	44.8	93.0	80.1	67.2	44.6	1986
1987	37.1	17.2	76.4	82.4	14.8	27.8	14.5	7.03	10.8	17.0	29.1	98.1	38.2	1987
1988	23.1	25.7	58.5	73.1	26.8	7.60	6.98	6.79	6.81	13.4	46.8	18.1	26.8	1988
MEAN	28.2	39.1	68.7	87.1	33.1	20.7	8.92	12.8	21.8	30.9	42.4	50.8	37.0	MEAN

LOCATION - LAT 45 14 54 N, LONG 75 42 17 W DRAINAGE AREA, 3 130 km^2 REGULATED

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	312 AT 23:35 EST ON FEB 22 *	288 ON FEB 24 *	6.088 ON JAN 23	1 580 000	1981
1982	303 AT 21:58 EST ON APR 1	286 ON APR 2	5.80 ON AUG 18	1 150 000	1982
1983	200 AT 15:25 EST ON MAY 8	183 ON MAY 8	4.89 ON SEP 15	1 310 000	1983
1984	247 AT 02:43 EST ON APR 7	243 ON APR 7	4.37 ON DEC 8	1 110 000	1984
1985	182 AT 03:08 EST ON MAR 15	178 ON MAR 15	1.78 ON MAY 4 *	833 000	1985
1986	186 AT 11:02 EST ON MAR 30	159 ON MAY 24	6.51 ON MAY 15	1 400 000	1986
1987	263 AT 11:58 EST ON MAR 28	236 ON MAR 28	3.33 ON AUG 27	1 140 000	1987
1988	---	187 ON MAR 28	3.00 ON AUG 16	814 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 180 000	MEAN

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	10.7	---	1979
1980	30.4	10.9	35.7	63.5	37.7	8.73	7.81	8.54	11.1	18.1	18.8	35.8	24.0	1980
1981	12.3	52.1	42.4	11.8	9.86	26.8	10.2	13.6	58.8	50.0	48.2	21.8	28.8	1981
1982	17.7	16.8	31.8	85.5	12.9	22.1	9.20	8.47	11.8	17.7	17.4	39.0	22.8	1982
1983	31.0	17.4	24.9	56.9	52.7	10.4	5.62	6.59	6.52	10.8	31.6	48.4	25.4	1983
1984	18.4	38.1	43.0	84.4	34.9	11.2	8.01	7.75	8.84	7.39	7.62	8.80	22.7	1984
1985	7.70	15.5	54.4	60.1	7.42	5.04	4.72	4.06	5.12	14.2	23.2	22.9	17.1	1985
1986	15.5	15.9	31.3	16.6	22.6	20.8	12.5	22.4	32.7	54.2	38.6	26.6	27.0	1986
1987	29.5	16.1	33.9	46.8	11.4	23.0	12.6	8.43	10.2	14.6	16.7	56.4	23.5	1987
1988	19.1	19.8	30.9	36.3	21.2	7.78	6.93	7.03	7.04	10.3	23.1	10.6	16.6	1988
MEAN	20.3	22.7	36.6	47.3	23.4	15.2	8.36	8.65	16.7	21.9	26.6	29.1	23.2	MEAN

LOCATION - LAT 44 57 05 N LONG 75 48 05 W
DRAINAGE AREA, 1 920 km^2
REGULATED

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	126 AT 00:37 EST ON MAR 23	119 ON MAR 23	5.27 ON JUN 12	761 000	1980
1981	134 AT 22:42 EST ON FEB 21 *	129 ON FEB 22 *	5.28 ON MAR 26	934 000	1981
1982	116 AT 23:01 EST ON APR 1	114 ON APR 2	5.86 ON JUL 13	715 000	1982
1983	119 AT 14:26 EST ON MAY 6	110 ON MAY 5	4.50 ON JUL 25	800 000	1983
1984	128 AT 21:23 EST ON APR 7	123 ON APR 8	3.70 ON DEC 7	718 000	1984
1985	84.1 AT 15:16 EST ON MAR 14	85.2 ON MAR 15	3.59 ON JUL 27 *	540 000	1985
1986	98.1 AT 20:59 EST ON OCT 7	89.8 ON MAY 25	5.37 ON MAY 13	851 000	1986
1987	101 AT 15:08 EST ON APR 10	97.2 ON APR 11	4.51 ON OCT 22	741 000	1987
1988	---	86.2 ON MAR 27	5.77 ON AUG 8	632 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		732 000	MEAN

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.045	2.30	4.48	---	1983
1984	0.901	3.30	2.77	8.01	2.88	0.880	0.195	0.236	0.181	0.187	0.822	1.88	1.76	1984
1985	1.24	1.81	8.28	5.74	0.780	0.545	0.172	0.012	0.032	0.341	1.08	0.588	1.70	1985
1986	1.08	0.537	4.23	3.17	1.13	0.384	0.085	1.86	1.56	3.37	2.58	2.86	1.87	1986
1987	0.785	0.314	5.87	3.05	0.586	0.570	0.571	0.188	0.232	0.501	1.30	4.37	1.53	1987
1988	0.734	1.47	2.63	3.75	1.70	0.172	0.252	0.044	0.083	0.881	3.90	0.894	1.33	1988
MEAN	0.944	1.46	4.72	4.74	1.38	0.486	0.371	0.484	0.410	0.854	1.85	2.41	1.65	MEAN

LOCATION - LAT 45 18 27 N LONG 74 28 37 W
DRAINAGE AREA, 124 km^2
NATURAL FLOW

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	17.5 AT 00:13 EST ON APR 8	17.0 ON APR 7	0.015A ON AUG 8	55 800	1984
1985	---	14.88 ON MAR 15	0.004 ON SEP 19 *	53 800	1985
1986	13.9 AT 15:40 EST ON MAR 30	13.5 ON MAR 30	0.148 ON JUN 25	82 200	1986
1987	26.4 AT 05:17 EST ON MAR 27 *	25.0 ON MAR 27 *	0.028 ON SEP 5	46 000	1987
1988	---	10.88 ON MAR 28	0.018 ON AUG 13	41 800	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		52 200	MEAN

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	0.278	0.092	0.014	0.035	0.183	0.810	0.297	---	1985
1986	0.628	0.224	2.66	1.66	0.758	0.261	0.402	0.481	0.529	1.59	1.41	1.61	1.02	1986
1987	0.404	0.242	3.42	1.64	0.478	0.656	0.857	0.115	0.170	0.388	0.789	2.20	0.840	1987
1988	0.398	1.00	1.76	2.40	0.835	0.103	0.118	0.043	0.031	0.672	2.38	0.343	0.827	1988
MEAN	0.478	0.489	2.81	1.80	0.691	0.325	0.319	0.163	0.191	0.689	1.27	1.11	0.939	MEAN

LOCATION - LAT 45 18 37 N
LONG 74 38 39 W
DRAINAGE AREA, 85.4 km²
NATURAL FLOW

REMARKS - STATION ACTIVATED MAY 22 1985

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1985	---	---	---		1985
1986	11.8 AT 15:30 EST ON MAR 28 *	10.4 ON MAR 28	0.001 ON AUG 21 *	---	1986
1987	---	13.4 ON MAR 28 *	0.089 ON JUN 24	32 300	1987
1988	---	10.0 ON MAR 27	0.023 ON AUG 28	29 800	1988
			0.002 ON SEP 18	26 200	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 400	MEAN

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.567	3.08	4.81	2.20	---	1977
1978	0.821	0.454	0.453	2.41	5.28	0.882	0.400	0.289	1.83	3.89	1.24	0.889	1.58	1978
1979	0.883	0.483	3.40	9.12	4.88	1.17	1.72	0.855	0.887	2.47	4.59	2.82	2.88	1979
1980	1.78	0.809	0.474	5.19	2.84	0.728	0.315	0.185	0.278	0.811	0.858	0.588	1.24	1980
1981	0.363	0.564	1.34	5.77	1.24	2.05	0.992	0.111	0.088	0.492	0.633	0.714	1.39	1981
1982	0.533	0.383	0.707	5.12	5.22	0.532	0.190	0.080	1.80	3.82	2.86	2.78	2.00	1982
1983	2.11	0.773	1.83	5.26	3.24	2.72	0.184	0.017	0.013	2.08	1.52	1.30	1.76	1983
1984	0.808	0.765	0.971	4.48	1.83	0.933	0.626	0.134	0.812	1.23	3.72	3.00	1.57	1984
1985	1.40	---	---	---	---	---	---	---	---	---	---	---	---	1985
MEAN	1.02	0.607	1.31	5.48	3.45	1.29	0.629	0.194	0.710	2.23	2.64	1.76	1.73	MEAN

LOCATION - LAT 48 30 00 N
LONG 82 31 18 W
DRAINAGE AREA, 89.5 km²
NATURAL FLOW

REMARKS - DISCONTINUED FEB 14 1985

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	10.0 AT 20:12 EST ON MAY 15	8.34 ON MAY 15	0.184 ON AUG 22	48 200	1978
1979	---	16.3 E ON APR 28 *	0.381 ON OCT 10	84 300	1979
1980	9.29 AT 23:04 EST ON APR 10	8.09 ON APR 11	0.111 ON AUG 20	39 200	1980
1981	14.0 AT 10:01 EST ON APR 6	13.5 ON APR 6	0.057 ON AUG 24	40 700	1981
1982	12.1 AT 13:40 EST ON APR 27	11.8 ON APR 27	0.045 ON AUG 22	83 200	1982
1983	14.2 AT 22:23 EST ON APR 17 *	13.2 ON APR 17	0 ON SEP 7 *	85 300	1983
1984	8.48 AT 22:47 EST ON NOV 2	8.45 ON NOV 3	0.078 ON AUG 28	49 700	1984
1985	---	---	---	4 840	1985
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		48 300	MEAN

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	0.878	0.581	0.741	1.03	1.37	---	1920
1921	1.66	1.32	3.90	3.33	1.80	1.11	0.855	0.847	0.834	0.889	0.828	0.880	1.31	1921
1922	0.822	0.518	2.08	3.34	1.88	1.04	0.808	0.823	0.447	0.418	0.415	0.387	1.01	1922
1923	0.311	0.425	0.627	2.58	2.14	1.25	0.750	0.881	0.589	0.453	0.530	0.894	0.815	1923
1924	1.01	0.908	2.07	4.45	3.10	---	---	---	---	---	---	---	---	1924
MEAN	0.908	0.783	2.15	3.17	2.08	1.13	0.805	0.810	0.638	0.648	0.825	0.825	1.08	MEAN

LOCATION - LAT 44 18 34 N
LONG 80 38 42 W
DRAINAGE AREA, 109 km²
NATURAL FLOW

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	8.72 ON MAR 21 *	0.425 ON NOV 1	41 200	1921
1922	---	5.30 ON APR 12	0.311 ON DEC 12	32 000	1922
1923	---	4.88 ON MAY 18	0.255 ON MAR 3 *	29 000	1923
1924	---	8.44 ON APR 8	---	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		34 100	MEAN

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.72	1.83	1.97	2.08	2.18	2.72	---	1915
1916	5.80	6.38	3.37	8.73	5.61	4.58	2.48	1.78	1.84	1.88	1.87	3.61	4.03	1916
1917	2.40	1.88	3.78	8.44	4.88	4.48	6.18	2.47	1.90	2.28	1.81	2.01	3.85	1917
1918	1.83	2.71	6.84	7.85	3.98	2.81	1.85	1.84	1.85	1.81	2.44	3.43	3.25	1918
1919	3.35	2.88	7.20	8.60	5.41	3.03	2.13	1.83	1.85	1.87	2.52	3.02	3.47	1919
1920	2.02	2.01	7.15	7.67	4.58	3.12	3.00	2.11	1.78	2.11	3.30	3.93	3.57	1920
1921	3.67	3.73	10.3	8.78	4.28	3.10	2.30	1.88	1.80	1.88	1.80	2.12	3.89	1921
1922	1.82	1.84	5.70	6.88	3.84	2.80	2.38	1.81	1.80	1.40	1.43	1.33	2.88	1922
1923	1.20	1.20	1.81	7.73	6.15	3.35	2.37	1.85	1.80	1.82	1.84	2.71	2.82	1923
1924	2.40	1.88	3.07	8.31	5.85	3.86	2.82	2.13	1.77	1.83	1.49	1.83	3.29	1924
1925	1.58	3.22	6.87	6.20	3.14	2.76	1.87	1.55	1.58	1.76	4.08	3.82	3.17	1925
1926	2.87	2.35	2.48	6.08	7.73	3.76	2.24	2.28	1.85	2.16	4.14	3.88	3.67	1926
1927	2.76	2.88	5.83	4.50	4.01	2.88	2.38	1.81	1.76	1.76	2.03	2.84	3.01	1927
1928	2.84	2.67	4.40	12.2	5.18	3.40	3.85	4.18	3.23	4.10	7.02	6.82	4.88	1928
1929	5.15	4.47	10.8	15.8	9.40	4.84	4.08	2.42	1.81	1.87	2.38	1.78	5.47	1929
1930	4.84	5.83	7.37	6.83	5.81	3.85	3.01	1.88	1.81	1.80	1.83	2.04	4.12	1930
1931	1.70	1.84	1.88	4.87	3.53	2.81	2.33	2.33	1.81	2.38	3.21	4.35	2.73	1931
1932	5.47	5.78	5.02	10.8	5.77	3.34	3.42	2.88	3.06	2.80	4.58	5.45	5.27	1932
1933	5.87	4.47	4.08	9.78	5.82	3.31	2.80	1.86	1.82	1.85	2.07	3.84	3.87	1933
1934	3.43	1.88	3.88	6.88	4.08	2.88	1.83	1.88	1.84	1.87	1.78	1.80	2.82	1934
1935	1.88	1.84	5.88	3.85	2.73	2.78	2.17	1.84	1.81	1.81	2.41	1.85	2.81	1935
1936	1.83	1.41	4.14	8.31	5.21	3.82	1.88	1.71	1.88	1.78	1.84	2.34	2.81	1936
1937	4.47	5.10	4.14	5.53	3.88	2.40	2.14	1.77	1.47	1.77	1.80	1.47	3.03	1937
1938	1.83	4.58	5.10	6.00	3.78	3.01	2.04	1.88	1.86	1.87	1.32	1.83	3.11	1938
1939	1.88	2.01	2.74	5.08	4.82	2.88	2.47	2.34	1.83	1.81	2.46	2.01	3.08	1939
1940	1.80	1.87	1.81	8.41	5.12	3.82	2.70	2.58	2.80	---	---	---	---	1940
MEAN	3.08	3.28	5.21	8.12	5.08	3.30	2.82	2.07	1.90	1.97	2.85	2.88	3.81	MEAN

LOCATION - LAT 44 15 44 N, LONG 80 45 58 W
DRAINAGE AREA, 249 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	14.7 ON APR 1	1.33 ON SEP 17	128 000	1916
1917	---	12.8 ON APR 3	1.83 ON AUG 28	116 000	1917
1918	---	18.4 ON APR 2	1.27 ON AUG 2	102 000	1918
1919	---	15.7 ON MAR 21	1.83 ON SEP 6	109 000	1919
1920	---	18.5 ON MAR 27	1.47 ON SEP 25	113 000	1920
1921	---	19.7 ON MAR 20	1.22 ON NOV 12	113 000	1921
1922	---	13.0 ON APR 12	0.878 ON DEC 28 *	80 700	1922
1923	---	14.3 ON APR 8	0.881 ON JAN 10	88 000	1923
1924	---	14.7 ON APR 8	1.37 ON NOV 12	103 000	1924
1925	---	12.8 ON MAR 27	1.25 ON SEP 6	100 000	1925
1926	---	21.3 ON APR 25	1.80 ON SEP 3	118 000	1926
1927	---	13.4 ON MAR 18	1.80 ON OCT 27	84 800	1927
1928	---	28.3 ON APR 6	2.10 ON MAR 8	158 000	1928
1929	---	37.7 E ON APR 8 *	1.75 ON AUG 22	173 000	1929
1930	---	18.5 B ON FEB 24	1.42 ON SEP 10	130 000	1930
1931	---	8.88 ON APR 11	1.42 ON SEP 7	88 100	1931
1932	---	22.4 ON FEB 12	2.52 ON JUN 16	187 000	1932
1933	---	16.4 ON APR 7	1.08 ON NOV 15	122 000	1933
1934	---	13.0 ON APR 6	1.08 ON AUG 28	91 800	1934
1935	---	14.4 ON MAR 17	1.08 ON AUG 30	78 000	1935
1936	---	10.5 ON MAR 27	0.934 ON OCT 28	68 000	1936
1937	---	15.1 B ON FEB 10	0.934 ON SEP 7	85 700	1937
1938	---	15.7 ON MAR 23	0.908 ON NOV 15	98 100	1938
1939	---	14.4 ON APR 22	1.22 ON OCT 5	98 800	1939
1940	---	14.2 ON APR 18	---	---	1940
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		111 000	MEAN

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	0.485	1.18	8.07	3.88	0.971	0.236	0.171	0.348	1.17	2.33	2.28	---	1971
1972	0.936	0.490	0.588	5.75	6.69	0.240	0.136	0.975	0.405	0.873	1.67	0.841	1.84	1972
1973	1.11	0.475	5.36	4.33	2.89	1.57	1.15	1.10	0.804	1.84	3.66	1.28	2.09	1973
1974	0.448	0.308	0.528	8.83	2.13	2.25	0.376	0.585	1.03	1.72	3.15	1.00	1.83	1974
1975	1.08	0.495	0.484	5.04	5.55	2.26	0.384	0.114	0.804	0.888	2.15	2.38	1.87	1975
1976	0.234	0.233	2.09	9.73	1.30	0.193	0.068	0.020	0.044	0.188	0.282	0.153	1.20	1976
1977	0.056	0.048	4.86	10.6	1.04	0.218	1.42	0.524	1.83	2.48	4.21	1.21	2.26	1977
1978	0.840	0.388	0.148	4.82	4.27	1.15	0.370	1.38	1.86	4.38	1.80	0.857	1.84	1978
1979	0.587	0.384	4.74	11.7	2.40	1.08	1.02	1.38	0.801	5.01	3.69	1.35	2.84	1979
1980	1.35	0.510	0.498	8.43	0.980	1.57	0.417	0.428	0.585	1.50	1.84	0.875	1.85	1980
1981	0.518	0.928	1.28	8.47	1.40	2.12	0.500	0.235	0.101	1.27	1.21	0.748	1.84	1981
1982	0.422	0.326	0.513	7.36	5.88	0.344	0.138	0.189	2.84	3.33	3.67	3.38	2.38	1982
1983	1.35	1.01	3.67	5.78	3.14	2.09	0.142	0.134	0.384	1.84	2.48	0.983	1.88	1983
1984	0.587	0.928	1.36	8.18	2.00	1.18	1.13	0.888	2.55	2.84	4.28	3.10	2.24	1984
1985	1.23	0.441	1.41	12.6	4.33	1.78	0.288	0.270	1.20	1.97	2.51	0.884	2.40	1985
1986	0.490	0.357	1.11	8.38	1.10	1.80	0.234	0.477	2.48	2.88	1.73	1.43	1.85	1986
1987	0.724	0.536	2.96	3.06	1.31	0.507	0.478	0.928	0.413	3.40	2.96	3.38	1.73	1987
1988	0.884	0.542	0.781	10.2	1.77	0.180	0.025	2.58	1.78	3.78	8.24	1.87	2.89	1988
MEAN	0.761	0.491	1.84	7.83	2.89	1.18	0.473	0.881	1.10	2.27	2.85	1.58	2.00	MEAN

LOCATION - LAT 46 33 49 N DRAINAGE AREA, 108 km²
LONG 84 18 55 W NATURAL FLOW

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	24.2 AT 06:43 EST ON DEC 11	23.8 ON APR 20	0.031 ON SEP 5	---	1971
1972	26.0 AT 01:20 EST ON MAY 3	24.8 ON MAY 3	0.037 ON JUL 5	61 800	1972
1973	19.8 AT 02:06 EST ON NOV 22	16.28 ON MAR 12	0.078 ON JUL 26	65 800	1973
1974	20.3 AT 05:50 EST ON APR 22	19.3 ON APR 22	0.081 ON JUL 28	57 700	1974
1975	42.2 AT 12:07 EST ON MAY 1	38.7 ON MAY 1	0.042 ON SEP 3	58 800	1975
1976	---	20.6 ON APR 17	0.006 ON AUG 24 *	38 000	1976
1977	28.4 AT 22:15 EST ON APR 18	23.4 ON APR 19	0.0458 ON FEB 11	73 800	1977
1978	33.7 AT 19:34 EST ON OCT 3	16.9 ON OCT 4	0.102 ON AUG 15	58 000	1978
1979	55.7 AT 20:30 EST ON APR 25	42.2 ON APR 26	0.082 ON JUL 24	89 800	1979
1980	33.8 AT 06:53 EST ON APR 9	31.0 ON APR 9	0.065 ON SEP 13	48 800	1980
1981	40.8 AT 22:14 EST ON APR 4	31.8 ON APR 4	0.041 ON SEP 2	61 800	1981
1982	31.7 AT 07:00 EST ON APR 26	28.8 ON APR 26	0.018 ON JUL 10	74 200	1982
1983	55.7 AT 18:02 EST ON APR 14 *	27.7 ON APR 14	0.020 ON JUL 22	59 400	1983
1984	31.3 AT 07:20 EST ON SEP 13	30.3 ON SEP 13	0.104 ON JUN 23	70 800	1984
1985	53.8 AT 22:18 EST ON APR 22	43.2 ON APR 23 *	0.051 ON AUG 4	75 600	1985
1986	18.5 AT 08:20 EST ON APR 8	16.2 ON APR 8	0.107 ON AUG 4	58 300	1986
1987	14.7 AT 04:11 EST ON OCT 18	12.0 ON OCT 18	0.047 ON JUL 8	54 800	1987
1988	---	32.8 ON APR 8	0.008 ON JUL 12	85 200	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		63 100	MEAN

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	0.788	0.881	0.828	---	1967
1968	0.778	0.882	0.588	2.80	11.3	19.3	10.4	10.8	8.08	10.8	5.71	2.75	6.89	1968
1969	1.87	1.22	0.783	3.97	8.50	10.8	15.6	19.8	28.4	18.8	8.40	3.49	10.1	1969
1970	1.78	1.07	0.734	0.980	18.0	8.83	5.97	1.71	4.43	7.13	4.88	2.82	4.77	1970
1971	1.52	0.948	0.781	11.1	18.4	3.15	3.88	1.83	0.388	2.77	3.84	1.88	4.18	1971
1972	1.31	0.948	0.788	2.48	28.1	8.23	0.980	0.782	1.14	5.84	3.30	1.74	4.17	1972
1973	1.23	0.878	0.881	5.80	18.7	8.85	11.5	2.14	4.07	8.08	8.66	3.13	5.88	1973
1974	1.48	1.14	0.827	1.87	18.8	18.8	3.78	20.1	15.8	8.83	4.15	2.74	8.15	1974
1975	1.80	1.28	0.888	2.58	21.1	14.7	5.08	21.0	8.38	4.27	3.47	2.12	7.27	1975
1976	1.36	1.12	0.837	5.11	12.8	8.38	1.87	0.805	0.823	0.233	0.448	0.887	2.87	1976
1977	0.933	0.863	0.882	7.58	8.35	1.28	3.84	8.58	7.71	4.73	2.73	1.77	4.13	1977
1978	1.12	0.849	0.725	2.15	17.0	8.43	12.3	8.87	10.8	8.43	8.87	2.80	8.88	1978
1979	1.33	1.08	1.08	8.87	20.8	8.41	4.23	2.42	4.85	8.18	8.74	3.08	8.08	1979
1980	1.78	1.34	0.837	8.87	11.7	2.02	0.930	0.582	2.42	5.34	3.00	1.88	3.38	1980
1981	1.03	0.780	0.639	1.48	8.24	11.7	3.88	1.28	4.84	10.8	7.00	3.32	4.82	1981
1982	1.47	0.802	0.806	3.34	31.5	21.8	8.61	8.08	8.20	8.83	3.88	2.81	7.80	1982
1983	1.71	1.18	0.839	1.28	8.18	8.07	7.10	1.72	1.14	1.80	4.31	3.81	3.44	1983
1984	2.87	2.44	2.20	10.8	15.8	7.41	8.85	2.88	1.38	1.85	3.08	2.84	4.88	1984
1985	1.87	1.08	0.820	3.78	12.8	22.1	10.8	10.8	12.3	10.7	4.27	1.84	8.81	1985
1986	1.22	0.808	0.737	12.4	22.4	3.32	2.28	8.14	8.38	8.82	4.44	2.84	8.00	1986
1987	1.80	1.03	0.882	12.0	8.83	8.88	1.34	0.805	1.24	2.31	3.23	2.47	3.37	1987
1988	1.78	1.88	1.48	2.98	8.72	2.88	2.27	1.87	2.88	4.78	3.08	2.22	3.03	1988
MEAN	1.48	1.10	0.817	8.34	15.5	8.38	8.12	8.38	8.27	8.22	4.38	2.42	8.83	MEAN

LOCATION - LAT 52 38 20 N DRAINAGE AREA, 818 km²
LONG 82 32 15 W NATURAL FLOW

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	30.0A ON JUN 14	0.532A ON MAR 28	221 000	1968
1969	---	55.2 ON SEP 24	0.555E ON MAR 31	316 000	1969
1970	25.4 AT 14:00 CST ON MAY 8	25.2 ON MAY 9	0.931 ON MAR 26	150 000	1970
1971	36.2 AT 17:48 CST ON APR 25	35.4 ON APR 25	0.173 ON SEP 3	132 000	1971
1972	48.8 AT 16:32 CST ON MAY 4	48.1 ON MAY 4	0.381 ON AUG 3	132 000	1972
1973	30.3 AT 15:48 CST ON MAY 10	30.3 ON MAY 10	0.782 ON MAR 26	178 000	1973
1974	39.9 AT 00:55 CST ON JUN 10	38.6 ON JUN 10	0.874 ON JUL 25	257 000	1974
1975	33.3 AT 17:55 CST ON AUG 6	31.7 ON AUG 6	0.813 ON APR 10	228 000	1975
1976	18.8 AT 11:01 CST ON MAY 3	18.5 ON MAY 3	0.116 ON OCT 6 *	61 400	1976
1977	24.1 AT 02:00 EST ON APR 24	23.4 ON APR 27	0.405 ON JUL 8	130 000	1977
1978	29.2 AT 19:20 EST ON MAY 7	27.7 ON MAY 7	0.848 ON MAR 15	211 000	1978
1979	31.6 AT 20:36 EST ON MAY 21	31.5 ON MAY 21	0.874 ON APR 9	181 000	1979
1980	29.3 AT 18:08 EST ON APR 28	28.1 ON APR 28	0.478 ON AUG 28	107 000	1980
1981	19.5 AT 11:21 EST ON JUN 23	19.4 ON JUN 23	0.540 ON SEP 5	146 000	1981
1982	---	44.0E ON MAY 8	0.758 ON MAR 27	248 000	1982
1983	---	13.0E ON JUL 7	0.738E ON APR 16	108 000	1983
1984	---	22.8E ON MAY 3	1.04 ON SEP 3	155 000	1984
1985	72.9 AT 18:37 EST ON JUN 30 *	72.1 ON JUN 30 *	0.765E ON APR 10	268 000	1985
1986	39.2 AT 18:36 EST ON MAY 7	36.8 ON MAY 7	0.880 ON MAR 22	189 000	1986
1987	20.6 AT 09:26 EST ON APR 22	20.5 ON APR 22	0.836 ON AUG 5	105 000	1987
1988	---	13.0 ON MAY 11	1.20 ON AUG 22	88 000	1988
				174 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSSEAU RIVER AT HIGHWAY NO. 141 - STATION NO. 02EB103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	4.72	0.870	0.328	0.089	0.226	1.37	8.38	1.44	---	1969
1970	---	---	---	11.7	2.32	0.528	4.30	1.55	0.744	3.17	3.33	3.11	---	1970
1971	---	---	---	19.1	3.83	0.436	0.108	0.128	0.159	0.889	4.16	---	---	1971
1972	---	---	---	15.8	4.30	1.32	0.408	0.877	0.404	2.88	2.58	1.56	---	1972
1973	---	---	---	9.61	3.29	1.00	0.483	2.21	0.334	2.04	4.43	2.47	---	1973
1974	---	---	---	16.3	3.91	0.724	0.226	0.420	0.888	3.89	5.31	1.16	---	1974
1975	---	---	---	15.2	4.27	0.438	0.148	0.107	0.455	0.885	1.52	5.09	---	1975
1976	---	---	---	---	---	---	0.442	0.114	0.080	0.220	1.54	---	---	1976
1977	---	---	---	8.88	0.745	0.248	0.618	---	2.85	4.74	8.43	---	---	1977
MEAN	---	---	---	13.5	3.42	0.821	0.785	0.885	0.888	2.17	3.82	2.72	---	MEAN

LOCATION - LAT 45 14 30 N, LONG 75 35 01 W
DRAINAGE AREA, 130 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

ROSSEAU RIVER AT HIGHWAY NO. 141 - STATION NO. 02EB103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	35.4E ON APR 23	---	---	1970
1971	---	49.8E ON APR 20	---	---	1971
1972	---	43.8E ON APR 18	---	---	1972
1973	---	40.2 ON APR 3	0.087 ON JUL 24	---	1973
1974	---	58.2 ON APR 15 *	0.088 ON JUL 22	---	1974
1975	---	50.1 ON APR 25	0.028 ON AUG 20	---	1975
1976	---	---	0.030 ON SEP 4 *	---	1976
1977	---	21.6 ON APR 5	---	---	1977
				---	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	4.29	3.83	1.71	2.40	0.870	0.311	0.844	0.812	0.852	2.07	---	1957
1958	0.424	0.905	3.15	0.836	0.378	0.241	0.244	0.197	0.426	0.474	0.898	0.396	0.898	1958
1959	0.585	0.715	3.12	6.20	1.47	0.303	0.273	0.258	0.377	0.885	0.878	0.889	1.48	1959
1960	0.502	1.02	1.11	12.7	8.47	0.880	0.405	0.423	0.308	0.428	0.782	0.447	2.11	1960
1961	0.307	1.24	3.00	3.23	1.38	0.958	0.514	0.307	0.357	0.318	0.513	0.757	1.07	1961
1962	0.841	0.763	3.44	0.838	0.275	0.208	0.186	0.159	0.366	---	---	---	---	1962
1964	---	---	---	1.28	---	---	---	---	---	---	---	---	---	1964
MEAN	0.526	0.927	3.02	4.34	1.95	0.844	0.382	0.278	0.484	0.623	0.736	0.812	1.33	MEAN

LOCATION - LAT 43 48 50 N, LONG 79 09 28 W
DRAINAGE AREA, 223 km^2
NATURAL FLOW

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	8.358 ON MAR 1	0.085 ON AUG 19 *	22 000	1959
		45.8 ON APR 1	0.105 ON AUG 6	48 100	
1960	84.9				1960
	ON MAY 8 *	80.9 ON APR 4 *	0.2278 ON FEB 24	66 800	
1961	---	17.4 ON MAR 28	0.1708 ON JAN 21	33 700	1961
1962	---	8.66 ON MAR 28	---	---	1962
1964	---	---	---	---	1964
		---	---	---	
				42 200	MEAN

S - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUGE RIVER AT SCARBOROUGH - STATION NO. 02HC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	3.35	0.844	0.738	0.348	---	0.638	1.38	---	---	1974
1976	---	---	---	---	---	---	---	2.48	1.08	0.848	1.08	---	---	1976
MEAN	---	---	---	---	3.35	0.844	0.738	1.40	1.08	0.744	1.24	---	---	MEAN

LOCATION - LAT 43 48 40 N, LONG 79 08 35 W
DRAINAGE AREA, 215 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	0.282	0.404	2.31	1.24	0.280	0.211	0.180	0.114	0.218	0.486	0.880	0.434	---	1962
1963	0.469	0.361	2.87	1.36	1.59	0.217	0.180	0.280	0.345	0.255	0.374	0.308	0.632	1963
1964	1.21	0.426	1.89	1.50	0.586	0.272	0.442	0.575	0.219	0.304	0.389	0.859	0.721	1964
1965	0.614	2.88	2.91	3.33	0.547	0.140	0.235	0.134	0.226	0.974	1.81	1.48	0.732	1965
1966	0.922	1.35	3.48	1.48	0.852	0.378	0.111	0.186	0.282	0.224	1.08	1.57	1.25	1966
1967	0.911	0.850	3.89	2.96	0.807	1.41	1.72	1.22	0.618	1.81	2.42	2.28	0.884	1966
1968	1.27	2.99	5.80	1.66	1.21	0.567	0.291	0.347	0.375	0.227	1.11	1.07	1.71	1967
1969	1.21	1.36	3.98	3.73	1.74	0.428	0.248	0.266	0.185	0.478	0.850	0.810	1.40	1968
													1.24	1969
1970	0.394	0.241	2.98	3.42	1.11	0.282	0.434	0.246	0.537	0.482	0.901	0.973	1.01	1970
1971	0.596	0.834	3.26	5.47	0.478	0.310	0.811	0.766	0.463	0.801	0.883	1.81	1.38	1971
1972	0.905	0.488	1.78	9.84	0.628	0.577	0.748	0.425	0.880	1.00	1.84	2.04	1.75	1972
1973	1.57	1.28	5.86	3.73	1.24	0.472	0.463	0.228	0.321	0.858	1.34	0.953	1.82	1973
1974	2.15	1.25	3.88	3.48	2.38	0.731	0.507	0.415	0.381	0.485	0.858	0.883	1.42	1974
1975	1.17	3.28	2.86	3.86	1.04	0.441	0.222	0.374	0.833	0.241	0.807	0.738	1.28	1975
1976	0.467	3.09	4.70	1.81	1.93	0.507	1.64	1.80	0.687	1.05	0.880	0.862	1.80	1976
1977	0.256	0.484	5.46	1.82	0.582	0.385	0.630	0.880	1.56	2.27	2.98	4.08	1.79	1977
1978	2.81	1.02	3.82	7.53	2.57	0.880	0.382	0.551	0.788	0.780	0.832	0.780	1.88	1978
1979	1.50	0.739	7.74	3.81	1.34	0.801	0.533	0.481	0.480	1.37	2.16	3.86	2.09	1979
1980	1.76	0.462	4.56	4.83	0.988	0.638	1.33	0.480	0.833	1.12	0.881	1.78	1.84	1980
1981	0.245	5.04	1.07	1.03	1.21	0.714	0.525	0.889	2.19	2.83	2.00	1.11	1.84	1981
1982	1.02	0.433	6.62	4.10	0.824	2.28	0.905	0.740	1.11	1.25	3.13	3.84	2.15	1982
1983	1.43	2.38	2.76	3.43	2.86	0.501	0.296	0.418	0.482	0.801	2.00	1.83	1.81	1983
1984	0.472	5.86	4.37	2.83	1.88	0.874	0.502	0.808	1.17	0.577	1.71	1.76	1.89	1984
1985	0.764	5.01	5.85	3.25	0.762	0.778	0.428	1.06	2.784	2.815	4.70	1.83	2.13	1985
1986	1.34	1.04	6.04	1.67	0.823	1.43	0.548	5.36	4.84	2.38	1.35	2.36	2.59	1986
1987	1.28	0.711	4.14	2.75	0.822	0.857	0.752	0.418	0.852	0.810	1.63	2.33	1.38	1987
1988	0.891	0.834	2.28	1.80	1.13	0.388	0.428	0.320	0.598	0.941	1.38	0.884	0.948	1988
MEAN	1.02	1.87	3.85	3.24	1.18	0.823	0.870	0.733	0.868	0.924	1.47	1.84	1.48	MEAN

LOCATION - LAT 43 51 30 N, LONG 79 13 55 W
DRAINAGE AREA, 185 km^2
REGULATED SINCE 1988

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	9.488 AT 22:00 EST ON MAR 18	9.46 ON MAR 25	0.062 ON SEP 2	19 800	1982
1983	15.8 AT 04:30 EST ON APR 28	12.6 ON MAR 28	0.062 ON JUL 3	22 800	1983
1984	10.7 AT 05:00 EST ON JAN 28	9.37 ON JAN 28	0.093 ON JUN 19	23 100	1984
1985	45.8 E AT 20:30 EST ON FEB 10	27.2 E ON FEB 10	0.078 ON AUG 25	38 400	1985
1986	20.4 AT 13:30 EST ON MAR 1	14.3 ON MAR 1	0.074 ON JUL 8	31 400	1986
1987	32.6 AT 08:00 EST ON DEC 22	19.1 ON DEC 22	0.173 ON SEP 17	54 100	1987
1988	53.2 AT 12:20 EST ON FEB 2	26.9 ON FEB 2	0.074 ON JUL 23	44 100	1988
1989	36.6 AT 21:59 EST ON APR 15	22.2 ON APR 15	0.082 ON AUG 13	39 200	1989
1970	18.2 AT 01:18 EST ON APR 4	12.6 ON APR 3	0.083 ON AUG 9	32 000	1970
1971	40.2 AT 11:47 EST ON APR 2	34.6 ON APR 2	0.082 ON JUL 3	42 500	1971
1972	48.4 AT 22:53 EST ON APR 11	39.1 ON APR 13	0.071 ON AUG 1	55 400	1972
1973	40.2 AT 00:50 EST ON MAR 12	15.8 ON APR 3	0.051 ON AUG 11 *	47 900	1973
1974	45.3 AT 12:37 EST ON MAR 5	37.7 ON MAR 5	0.074 ON JUL 17	44 800	1974
1975	80.8 AT 19:53 EST ON FEB 24	28.2 ON FEB 24	0.089 ON JUL 2	38 500	1975
1976	---	18.7 E ON MAR 21	0.088 ON JUN 8	50 800	1976
1977	48.4 AT 14:01 EST ON MAR 13	28.4 ON MAR 13	0.139 ON MAY 19	58 400	1977
1978	48.8 AT 22:15 EST ON APR 1	33.1 ON APR 1	0.262 ON JUL 19	58 700	1978
1979	48.1 AT 15:09 EST ON DEC 25	36.2 ON DEC 25	0.207 ON JUN 19	64 900	1979
1980	72.1 AT 19:03 EST ON MAR 21	41.8 ON MAR 21	0.153 ON JUL 14	51 600	1980
1981	45.1 AT 00:30 EST ON FEB 21	28.4 ON FEB 20	0.155 ON MAR 28	48 400	1981
1982	44.5 AT 01:48 EST ON APR 1	27.0 ON MAR 31	0.232 ON MAY 29	67 900	1982
1983	20.4 AT 20:05 EST ON MAR 19	12.8 B ON FEB 3	0.176 ON AUG 21	50 700	1983
1984	76.8 AT 10:35 EST ON FEB 14	47.0 B ON FEB 14	0.183 ON AUG 2	59 800	1984
1985	72.8 AT 19:33 EST ON FEB 24	48.0 B ON FEB 24	0.185 ON AUG 13	87 100	1985
1986	98.7 AT 01:49 EST ON AUG 18 *	60.3 ON SEP 11 *	0.078 ON MAY 8	81 800	1986
1987	32.3 AT 02:26 EST ON MAR 8	21.8 ON MAR 8	0.146 ON AUG 24	43 700	1987
1988	---	9.82 ON APR 4	0.1459 ON DEC 13	28 900	1988
				46 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	0.030	0.034	0.063	0.371	---	1971
1972	0.389	0.205	2.24	2.14	0.478	0.056	0.118	0.082	0.054	0.127	2.20	2.65	0.884	1972
1973	1.15	0.709	4.41	1.01	0.385	0.841	0.372	0.858	0.035	0.075	0.638	1.89	1.03	1973
1974	3.02	1.84	4.10	1.43	1.13	0.096	0.032	0.010	0.014	0.036	0.111	0.887	1.02	1974
1975	3.75	2.92	1.83	0.481	0.248	0.757	0.021	0.825	0.883	0.080	0.123	1.34	1.07	1975
1976	0.707	5.95	3.81	0.738	0.518	0.320	0.783	0.010	0.037	0.087	0.045	0.028	1.05	1976
1977	0.006	0.234	3.84	3.89	0.619	0.428	0.183	0.087	3.77	1.10	0.408	4.34	1.58	1977
1978	0.378	0.136	5.74	3.03	0.580	0.277	0.034	0.008	0.008	0.048	0.088	0.204	0.885	1978
1979	0.304	0.218	2.00	4.82	1.28	0.185	0.152	0.018	0.057	0.088	0.511	1.89	0.888	1979
1980	0.579	0.209	3.43	1.96	0.489	2.07	1.51	0.961	0.827	0.158	0.078	0.493	1.08	1980
1981	0.078	4.28	0.630	1.98	1.28	1.35	1.03	0.087	0.738	4.85	0.373	0.385	1.38	1981
1982	1.38	0.643	7.87	1.78	0.207	0.295	0.048	0.018	0.036	0.037	2.04	3.85	1.81	1982
1983	0.336	0.814	0.524	2.55	2.86	1.68	2.27	0.738	0.125	0.407	3.08	3.35	1.55	1983
1984	0.072	2.13	3.87	0.830	1.19	0.343	0.021	0.017	0.157	0.088	0.273	1.02	0.860	1984
1985	1.77	7.37	4.87	1.43	0.127	0.087	0.058	0.381	0.095	1.01	5.52	1.06	1.92	1985
1986	0.928	2.12	5.01	0.888	0.322	2.25	0.280	0.122	0.843	2.43	0.813	2.87	1.89	1986
1987	1.13	0.388	1.32	1.18	0.078	0.261	0.247	0.159	0.430	0.183	1.14	3.12	0.803	1987
1988	0.257	0.398	0.874	0.387	0.088	0.008	0	0	0.034	0.244	1.08	0.831	0.339	1988
MEAN	0.882	1.77	3.30	1.80	0.882	0.883	0.421	0.232	0.485	0.806	1.03	1.88	1.15	MEAN

LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 126 km^2
NATURAL FLOW

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	27.1 AT 18:51 EST ON APR 15	15.7 ON DEC 13	0.007 ON AUG 8	28 000	1972
1973	32.0 AT 15:24 EST ON MAR 11	30.8 ON MAR 11	0.018 ON SEP 13	32 500	1973
1974	45.0 AT 05:54 EST ON MAR 5	24.6 ON MAR 5	0 ON AUG 28 *	32 200	1974
1975	48.1 AT 00:05 EST ON JAN 11	28.4 ON FEB 24	0 ON JUL 31	33 700	1975
1976	---	37.9 B ON FEB 17	0 ON SEP 7	33 200	1976
1977	84.0 AT 17:03 EST ON SEP 28	80.3 ON SEP 28	0.0038 ON JAN 18	50 100	1977
1978	102 AT 14:00 EST ON MAR 21 *	57.2 ON MAR 21	0 ON SEP 1	27 800	1978
1979	58.9 AT 05:41 EST ON APR 14	44.7 ON APR 14	0.003 ON SEP 11	30 600	1979
1980	80.3 AT 15:55 EST ON JUL 28	25.1 ON JUL 28	0.021 ON JUL 21	34 200	1980
1981	75.9 AT 13:05 EST ON OCT 1	64.2 ON OCT 1	0.017 ON AUG 25	43 500	1981
1982	80.18 AT 20:58 EST ON MAR 13	53.0 B ON MAR 14	0 ON AUG 18	47 500	1982
1983	51.4 AT 05:45 EST ON MAY 2	34.8 ON MAY 2	0.024 ON SEP 14	48 600	1983
1984	48.1 AT 15:35 EST ON MAR 21	37.7 ON MAR 21	0 ON AUG 17	28 800	1984
1985	85.6 AT 08:47 EST ON FEB 24	77.8 ON FEB 24 *	0.001 ON JUL 30	80 800	1985
1986	81.1 AT 03:20 EST ON MAR 11	37.3 ON MAR 11	0.011 ON JUL 31	80 100	1986
1987	32.6 AT 19:22 EST ON DEC 15	15.4 ON DEC 15	0.005 ON AUG 18	25 300	1987
1988	---	8.85 ON DEC 28	0 ON JUL 8	10 700	1988
				39 200	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	170	142	86.6	---	1966
1967	45.0	29.0	22.2	20.1	345	586	196	107	83.1	87.8	63.8	36.6	128	1967
1968	26.2	23.6	20.6	43.4	137	109	155	181	353	311	187	86.9	133	1968
1969	51.6	46.9	37.5	86.3	190	131	99.7	109	220	284	144	87.4	125	1969
1970	57.0	42.0	33.7	32.3	366	383	276	163	148	331	257	132	185	1970
1971	83.1	59.4	44.6	86.3	417	210	207	213	108	110	90.0	61.2	140	1971
1972	43.0	31.2	23.2	20.4	703	245	107	86.5	110	166	85.3	58.6	138	1972
1973	44.7	36.2	33.1	33.2	402	240	211	103	131	322	203	117	157	1973
1974	74.5	54.3	41.8	39.1	230	455	184	121	185	176	108	70.1	143	1974
1975	50.2	38.7	30.6	36.1	474	317	267	378	251	305	113	86.6	193	1975
1976	41.7	40.0	27.1	25.6	182	217	182	162	176	110	86.6	36.6	105	1976
1977	25.9	20.1	16.1	44.3	131	70.4	83.9	188	262	---	---	---	---	1977
MEAN	50.5	38.3	30.0	40.6	325	286	177	163	181	212	126	75.6	146	MEAN

LOCATION - LAT 54 59 25 N DRAINAGE AREA, 21 100 km²
LONG 89 20 40 W NATURAL FLOW

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	1 170E ON MAY 30	18.8B ON APR 10	4 070 000	1967
1968	---	538 ON SEP 6	19.8B ON MAR 25	4 180 000	1968
1969	348 AT 21:00 EST ON OCT 10	345 ON OCT 9	32.8B ON APR 4	3 940 000	1969
1970	---	785B ON MAY 15	30.0B ON APR 7	5 840 000	1970
1971	---	600 ON MAY 7	35.1B ON APR 15	4 420 000	1971
1972	---	1 190E ON MAY 11 *	16.3B ON APR 13 *	4 380 000	1972
1973	---	889B ON MAY 13	33.0B ON APR 4	4 860 000	1973
1974	589 AT 23:07 EST ON JUN 13	684 ON JUN 14	37.7B ON APR 7	4 520 000	1974
1975	595 AT 15:33 EST ON AUG 5 *	592 ON AUG 5	23.8B ON APR 20	6 090 000	1975
1976	---	408B ON MAY 15	23.3B ON APR 10	3 320 000	1976
1977	---	374 ON AUG 27	---	---	1977
				4 570 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	113	72.0	54.1	87.8	88.8	50.6	---	1970
1971	38.5	28.7	23.7	23.0	74.1	67.8	88.1	56.0	37.7	31.2	35.8	34.4	43.8	1971
1972	29.7	24.1	18.8	14.8	54.8	58.6	38.6	30.9	25.2	26.8	28.0	23.8	31.5	1972
1973	19.1	15.7	13.8	12.5	60.1	86.8	73.0	51.5	38.6	42.1	46.5	43.0	42.1	1973
1974	34.8	26.9	20.6	16.3	29.9	75.4	80.1	70.3	83.8	88.7	46.4	38.8	44.7	1974
1975	28.8	23.9	18.4	13.8	52.1	101	89.5	63.6	68.2	88.7	44.6	34.8	49.8	1975
1976	28.6	20.5	15.6	14.4	31.6	41.1	36.1	31.1	26.6	20.8	16.3	13.6	24.6	1976
1977	12.1	10.6	9.11	---	---	---	---	---	---	---	---	---	---	1977
1978	21.4	16.7	13.1	11.7	24.0	30.1	28.2	27.8	31.1	38.3	41.6	30.6	26.4	1978
1979	27.7	21.0	16.5	16.7	38.8	52.9	40.4	34.6	36.3	43.1	46.2	38.6	34.6	1979
1980	28.5	23.1	18.2	16.2	36.2	31.4	27.1	24.9	27.2	41.8	41.8	32.7	29.1	1980
1981	25.5	19.7	16.4	13.9	23.6	46.3	57.8	45.6	37.2	47.3	80.8	38.1	35.3	1981
1982	28.0	22.0	17.2	17.7	45.8	71.2	75.9	66.7	56.0	48.7	42.6	36.3	44.3	1982
1983	28.0	22.7	16.8	16.7	43.4	83.5	112	61.0	40.2	36.0	37.4	34.8	46.5	1983
1984	26.7	23.2	17.9	19.1	43.7	49.1	45.3	36.3	31.7	28.6	27.8	27.7	31.8	1984
1985	21.7	16.3	13.7	11.8	50.1	76.1	119	73.2	50.8	46.1	39.7	33.0	46.3	1985
1986	24.7	18.8	14.5	16.0	56.5	54.0	39.0	32.2	26.1	33.8	34.6	30.2	31.8	1986
1987	24.3	19.6	16.5	17.8	26.4	26.3	27.2	35.6	49.6	42.6	38.8	31.6	30.1	1987
1988	24.3	19.3	15.1	13.3	27.8	44.8	36.8	26.8	21.6	26.4	26.9	23.9	26.6	1988
MEAN	26.4	20.7	16.6	15.6	42.4	59.4	59.4	47.8	40.3	41.0	39.7	33.0	36.3	MEAN

LOCATION - LAT 53 59 40 N DRAINAGE AREA, 4 270 km²
LONG 92 06 50 W NATURAL FLOW

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	92.8 AT 12:54 CST ON MAY 28	91.5 ON MAY 33	19.8 ON APR 12	1 270 000	1971
1972	77.0 AT 17:55 CST ON MAY 30	73.9 ON MAY 30	13.0 ON APR 22	888 000	1972
1973	111 AT 21:27 CST ON JUN 4	110 ON JUN 4	11.8 ON APR 22	1 330 000	1973
1974	80.0 AT 18:13 CST ON JUN 25	88.8 ON JUN 25	12.9 ON APR 21	1 410 000	1974
1975	110 AT 02:40 CST ON JUN 8	108 ON JUN 8	12.2 ON APR 18	1 570 000	1975
1976	48.7 AT 18:55 CST ON JUN 20	48.7 ON JUN 20	12.0 ON APR 10	778 000	1976
1977	---	---	---	---	1977
1978	80.7 AT 05:15 EST ON NOV 5	80.1 ON NOV 7	11.2E ON APR 18 *	832 000	1978
1979	81.4 AT 21:54 EST ON JUN 6	89.1 ON JUN 6	14.8E ON APR 10	1 090 000	1979
1980	65.9 AT 03:59 EST ON OCT 23	65.8 ON OCT 22	12.9 ON APR 12	918 000	1980
1981	85.5 AT 19:30 EST ON JUN 30	84.4 ON JUL 2	13.1 ON APR 19	1 110 000	1981
1982	88.9 AT 16:02 EST ON JUN 28	87.2 ON JUN 23	15.8E ON APR 7	1 400 000	1982
1983	145 AT 13:02 EST ON JUL 4 *	143 ON JUL 4 *	16.2 ON APR 26	1 440 000	1983
1984	---	85.3E ON MAY 22	15.1 ON APR 3	1 010 000	1984
1985	134 AT 07:13 EST ON JUL 14	133 ON JUL 14	11.2 ON APR 10	1 480 000	1985
1986	70.0 AT 12:46 EST ON MAY 22	68.2 ON MAY 28	12.5 ON APR 8	1 010 000	1986
1987	84.5 AT 15:46 EST ON SEP 4	53.2 ON SEP 3	14.1 ON APR 10	849 000	1987
1988	---	46.8 ON JUN 11	13.3 ON APR 17	809 000	1988
				1 150 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.181	0.580	0.336	2.04	4.10	---	1958
1959	3.73	3.88	15.0	50.8	14.2	1.32	0.702	0.171	0.228	2.18	8.46	14.6	9.58	1959
1960	4.41	7.28	4.48	66.3	21.0	4.89	1.26	0.380	0.143	0.137	0.418	0.377	8.18	1960
1961	0.270	2.95	11.1	24.0	20.8	9.88	2.62	1.02	0.606	0.318	0.828	2.71	8.41	1961
1962	1.86	1.40	14.0	26.8	3.72	0.523	0.581	0.424	0.409	0.936	7.21	9.88	5.80	1962
1963	5.25	3.76	15.9	28.7	14.1	7.88	2.00	0.807	0.282	0.282	1.24	8.37	7.38	1963
1964	9.23	8.18	16.4	23.4	13.8	3.84	0.918	0.254	0.214	0.317	0.606	2.22	8.67	1964
1965	6.44	13.5	17.8	36.7	14.4	2.11	0.874	0.307	0.760	8.36	21.1	23.7	11.6	1965
1966	11.3	8.43	25.8	16.1	6.86	4.64	0.840	0.242	0.181	0.281	7.01	26.0	8.76	1966
1967	11.1	10.5	11.6	33.1	12.8	4.73	2.02	0.886	0.347	5.12	20.5	15.4	10.7	1967
1968	8.55	12.1	22.1	21.8	8.36	8.38	4.69	1.22	4.62	4.14	8.80	15.6	10.1	1968
1969	8.35	12.7	21.1	36.5	21.8	13.4	3.71	2.08	0.466	0.388	4.79	9.76	12.2	1969
1970	6.58	5.90	12.7	34.3	18.1	6.19	3.21	1.00	0.381	1.08	11.1	14.8	9.44	1970
1971	8.48	9.18	15.8	62.2	20.0	3.71	0.867	0.286	0.220	0.636	0.885	9.85	10.1	1971
1972	10.8	7.52	9.24	48.9	25.4	10.5	7.67	5.08	1.36	5.81	17.3	19.0	14.1	1972
1973	21.7	17.8	43.2	32.0	13.8	5.76	0.993	0.281	0.126	0.158	2.98	8.43	12.2	1973
1974	15.7	12.7	26.9	42.9	27.4	8.26	2.24	0.385	0.154	0.178	2.18	11.3	12.5	1974
1975	9.30	8.42	28.9	39.8	31.0	3.78	0.588	0.184	0.128	0.381	0.848	6.78	9.89	1975
1976	8.58	17.3	46.6	41.8	8.58	3.74	1.21	0.335	0.200	0.583	1.54	3.22	10.8	1976
1977	2.85	2.89	38.5	23.4	7.18	1.78	0.302	0.244	0.413	2.65	8.77	18.1	8.84	1977
1978	20.3	14.9	15.7	53.7	17.9	2.44	0.306	0.126	0.197	0.128	1.48	7.20	11.1	1978
1979	15.3	8.42	43.3	43.2	14.9	5.88	1.11	0.210	0.168	0.790	5.76	17.1	13.0	1979
1980	17.3	4.20	28.9	35.2	18.5	4.38	3.11	1.40	0.822	1.87	8.97	15.2	11.7	1980
1981	4.88	36.3	28.1	13.0	9.49	8.78	3.88	2.38	21.6	11.9	18.2	8.08	13.8	1981
1982	6.12	3.88	18.2	49.8	18.2	8.65	3.07	0.891	0.815	1.71	9.92	26.6	12.1	1982
1983	19.1	15.3	20.8	29.2	28.3	7.88	1.17	0.480	0.377	2.00	8.62	24.8	13.1	1983
1984	8.67	27.3	24.0	41.8	18.8	6.08	2.27	1.68	0.823	0.418	1.68	4.88	11.4	1984
1985	7.83	10.0	35.0	30.0	7.57	2.81	0.857	0.086	2.48	3.71	18.1	11.2	10.8	1985
1986	12.4	8.58	21.1	22.2	9.01	9.81	4.44	4.48	8.82	21.3	11.0	18.7	12.4	1986
1987	8.22	4.51	20.8	41.3	6.23	3.22	1.44	0.294	0.288	0.847	8.22	23.8	9.71	1987
1988	9.61	10.7	19.0	32.3	7.20	2.01	0.370	0.188	0.085	0.707	8.18	8.29	7.70	1988
MEAN	9.23	10.2	22.4	38.6	15.3	5.86	2.02	0.903	1.83	2.80	7.20	12.4	10.4	MEAN

LOCATION - LAT 44 12 26 N
LONG 77 12 36 W

DRAINAGE AREA, 891 km^2
REGULATED

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	88.1 ON APR 3	0.113 ON AUG 11	302 000	1959
1960	---	104 ON APR 4	0.031 ON SEP 22	250 000	1960
1961	---	31.4 ON MAY 20	0.127 ON OCT 17	302 000	1961
1962	---	58.7 ON MAR 30	0.054 ON SEP 5	177 000	1962
1963	---	65.7 ON MAR 27	0.210 ON SEP 24	233 000	1963
1964	---	38.2 ON APR 8	0.059 ON SEP 8	206 000	1964
1965	82.3 AT 16:00 EST ON NOV 27	51.5 ON APR 13	0.176 ON AUG 24	373 000	1965
1966	52.4 AT 08:00 EST ON DEC 11	43.0 ON DEC 11	0.099 ON SEP 13	276 000	1966
1967	64.0 AT 05:00 EST ON APR 3	48.0 ON APR 3	0.122 ON SEP 16	338 000	1967
1968	58.0 AT 21:30 EST ON MAR 19	55.5 ON MAR 20	0.447 ON SEP 2	318 000	1968
1969	82.1 AT 12:30 EST ON MAY 18	69.88 ON MAR 28	0.127 ON OCT 13	388 000	1969
1970	47.9 AT 05:12 EST ON MAR 27	43.0 ON MAR 27	0.201 ON SEP 25	286 000	1970
1971	79.3 AT 04:41 EST ON APR 14	77.9 ON APR 14	0.078 ON AUG 21	317 000	1971
1972	73.3 AT 23:55 EST ON APR 15	71.1 ON APR 15	0.616 ON SEP 24	446 000	1972
1973	76.7 AT 01:55 EST ON MAR 18	75.0 ON MAR 18	0.088 ON SEP 15	388 000	1973
1974	81.3 AT 11:30 EST ON APR 5	80.1 ON APR 5	0.108 ON OCT 11	395 000	1974
1975	78.2 AT 18:03 EST ON MAR 20	71.8 ON MAR 20	0.088 ON SEP 10	312 000	1975
1976	89.2 AT 03:14 EST ON MAR 28	86.4 ON MAR 28	0.102 ON SEP 5	348 000	1976
1977	---	88.8 ON MAR 14	0.102 ON JUL 31	279 000	1977
1978	74.8 AT 22:44 EST ON APR 1	68.0 ON APR 2	0.082 ON AUG 19	351 000	1978
1979	71.7 AT 02:30 EST ON APR 3	68.9 ON APR 5	0.049 ON SEP 13	411 000	1979
1980	152 AT 22:43 EST ON MAR 21 *	141 ON MAR 22 *	0.284 ON SEP 25	369 000	1980
1981	113 AT 01:30 EST ON FEB 21	108 ON FEB 21	1.64 ON SEP 3	434 000	1981
1982	81.6 AT 18:11 EST ON APR 3	76.2 ON APR 4	0.425 ON AUG 22	382 000	1982
1983	52.6 AT 23:15 EST ON DEC 15	49.6 ON DEC 15	0.174 ON AUG 28	415 000	1983
1984	86.3 AT 00:40 EST ON APR 7	83.6 ON APR 7	0.253 ON OCT 7	361 000	1984
1985	85.2 AT 01:59 EST ON MAR 14	59.6 ON MAR 14	0.028 ON AUG 20 *	342 000	1985
1986	84.2 AT 20:57 EST ON MAR 19	84.1 ON MAR 20	2.18 ON JUL 31	380 000	1986
1987	76.2 AT 18:30 EST ON APR 6	74.2 ON APR 6	0.061 ON SEP 7	306 000	1987
1988	---	74.2 ON MAR 27	0.051 ON AUG 23	243 000	1988
				330 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	2.78	1.90	10.9	4.85	1.18	0.654	0.518	0.481	0.650	3.51	7.18	7.81	3.54	1987
1988	4.66	7.22	14.6	5.47	2.60	0.478	0.339	0.357	0.818	5.37	9.08	7.46	4.85	1988
MEAN	3.68	4.56	12.8	5.16	1.84	0.567	0.428	0.409	0.834	4.39	8.14	7.64	4.20	MEAN

LOCATION - LAT 44 32 06 N DRAINAGE AREA, 301 km^2
LONG 81 10 41 W

REMARKS - STATION ACTIVATED DEC 19 1986.

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	29.7 AT 03:08 EST ON NOV 30 *	24.7 ON NOV 30	0.238 ON SEP 11	112 000	1987
1988	---	57.1 ON MAR 28 *	0.214 ON JUL 23 *	153 000	1988
				133 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	10.5	4.65	4.66	1.38	5.67	9.18	20.8	28.0	---	1957
1958	13.3	8.11	22.6	20.8	8.76	3.13	1.82	1.10	1.14	1.35	3.65	4.65	7.33	1958
1959	6.91	5.46	22.1	69.1	22.9	6.53	1.70	1.33	1.17	3.40	13.9	16.4	14.2	1959
1960	12.6	12.9	10.2	57.3	34.2	10.9	2.65	1.96	1.38	1.84	5.17	5.62	13.3	1960
1961	5.78	8.59	42.2	30.3	14.6	7.18	3.56	2.58	3.62	3.35	12.1	17.1	12.7	1961
1962	8.43	8.65	30.6	35.0	9.94	2.67	1.67	1.06	0.789	3.12	4.63	9.37	8.87	1962
1963	7.43	5.84	31.5	39.6	28.3	6.18	2.52	2.47	2.81	3.62	7.06	8.45	12.2	1963
1964	17.4	14.4	23.5	14.7	5.38	2.78	1.84	1.17	1.10	1.98	2.88	10.4	8.30	1964
1965	12.4	22.9	17.9	80.7	18.1	3.08	2.00	2.01	1.34	5.02	13.8	26.4	18.4	1965
1966	23.0	36.1	22.8	14.1	4.94	2.92	1.27	0.823	0.575	0.612	3.57	19.9	10.8	1966
1967	18.0	15.6	17.8	80.2	11.7	7.61	4.73	2.44	3.30	11.5	41.1	29.2	18.5	1967
1968	16.0	30.2	28.2	23.4	8.51	4.81	3.86	5.90	5.23	5.23	8.41	24.1	13.7	1968
1969	18.8	21.9	20.2	46.6	27.3	10.2	5.07	3.90	2.04	3.48	15.4	14.2	15.6	1969
1970	8.32	10.6	14.9	55.1	15.6	3.35	4.41	3.18	5.78	12.6	13.0	17.6	14.0	1970
1971	12.3	14.2	31.5	53.3	15.0	5.42	3.92	2.09	2.65	2.13	3.83	11.6	14.0	1971
1972	14.0	11.5	13.9	59.3	20.6	5.23	4.29	3.60	2.53	4.84	10.1	15.7	13.6	1972
1973	27.6	17.5	34.7	34.0	13.6	7.62	3.53	4.98	2.12	3.02	14.6	19.6	15.2	1973
1974	24.3	16.1	30.5	34.6	15.3	6.10	2.66	1.80	1.55	4.07	13.8	12.5	14.0	1974
1975	17.6	15.2	32.5	42.7	13.6	3.97	1.54	1.17	2.16	2.17	4.65	13.0	12.5	1975
1976	10.0	24.0	57.3	27.1	11.5	3.63	4.01	1.73	1.31	2.37	11.3	11.6	14.7	1976
1977	8.16	8.16	64.7	34.8	8.38	2.22	1.89	1.92	4.63	10.4	22.5	25.5	16.0	1977
1978	14.7	8.60	12.2	47.8	10.8	4.46	2.59	1.02	2.33	2.65	7.83	13.0	10.7	1978
1979	15.3	11.2	58.7	46.0	13.6	3.47	1.66	2.00	1.87	7.57	15.9	31.8	17.7	1979
1980	21.4	9.38	28.0	38.9	9.14	5.04	14.1	11.4	6.54	13.0	15.1	20.4	16.2	1980
1981	11.1	44.5	31.5	19.7	11.6	5.28	3.50	1.81	5.72	7.95	9.27	15.9	13.6	1981
1982	11.8	7.74	25.6	82.2	11.0	6.15	3.43	2.78	3.16	4.89	14.0	30.0	16.4	1982
1983	21.0	22.6	21.0	24.7	26.2	10.6	2.68	1.74	2.15	4.37	8.91	17.3	13.6	1983
1984	12.0	46.3	32.2	25.3	9.13	4.94	2.70	1.62	5.89	8.24	15.6	21.7	15.2	1984
1985	20.0	25.0	57.6	51.6	12.6	4.46	2.25	1.38	10.5	11.4	24.6	17.7	19.6	1985
1986	16.3	13.3	48.0	31.6	13.5	5.30	2.87	2.10	12.0	30.6	10.9	13.6	16.6	1986
1987	10.6	7.44	25.1	20.2	3.80	2.55	1.81	1.42	1.89	8.45	21.1	28.2	11.1	1987
1988	18.7	28.2	31.6	27.9	7.43	2.45	1.64	1.18	2.83	11.3	26.1	20.4	14.6	1988
MEAN	15.0	17.3	30.7	39.2	14.1	5.32	3.24	2.41	3.42	6.37	13.1	17.9	13.8	MEAN

LOCATION - LAT 44 40 10 N DRAINAGE AREA, 827 km²
LONG 81 15 10 W NATURAL FLOW

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	55.5 ON MAR 29	0.880 ON AUG 20	231 000	1958
1959	144 AT 11:00 EST ON APR 8	141 ON APR 8	0.806 ON SEP 14	448 000	1959
1960	180 AT 17:00 EST ON APR 4	153 ON APR 4	1.05 ON SEP 17	420 000	1960
1961	---	80.1 ON MAR 8	0.850 ON SEP 10	400 000	1961
1962	---	117 ON MAR 30	0.827 ON SEP 18	305 000	1962
1963	---	170 ON MAR 30	1.38 ON SEP 10	385 000	1963
1964	---	55.5 ON MAR 8	0.823 ON SEP 14	260 000	1964
1965	---	148 ON APR 13	1.01 ON SEP 8	484 000	1965
1966	---	159 ON FEB 12	0.425 ON SEP 20 *	344 000	1966
1967	183 AT 18:00 EST ON APR 1	172 ON APR 1	1.82 ON AUG 21	585 000	1967
1968	98.1 AT 08:00 EST ON FEB 4	82.9 ON FEB 4	2.84 ON JUL 28	433 000	1968
1969	104 AT 11:05 EST ON APR 8	102 ON APR 8	1.71 ON OCT 7	500 000	1969
1970	122 AT 05:43 EST ON APR 16	120 ON APR 16	2.09 ON AUG 18	442 000	1970
1971	126 AT 11:00 EST ON APR 13	121 ON APR 13	1.81 ON AUG 24	443 000	1971
1972	148 AT 01:30 EST ON APR 16	142 ON APR 15	1.85 ON OCT 11	435 000	1972
1973	86.4 AT 23:50 EST ON JAN 1	80.7 ON JAN 1	1.85 ON SEP 17	480 000	1973
1974	88.9 AT 03:00 EST ON APR 5	84.4 ON APR 5	1.14 ON SEP 17	442 000	1974
1975	135 AT 05:30 EST ON APR 20	132 ON APR 20	0.868 ON AUG 23	388 000	1975
1976	164 AT 12:00 EST ON MAR 22	150 ON MAR 22	0.773 ON SEP 7	484 000	1976
1977	203 AT 17:08 EST ON MAR 15 *	198 ON MAR 15 *	0.864 ON JUL 29	505 000	1977
1978	92.3 AT 17:23 EST ON APR 8	90.8 ON APR 8	0.854 ON SEP 8	338 000	1978
1979	118 AT 13:11 EST ON MAR 25	114 ON MAR 25	1.11 ON JUL 30	586 000	1979
1980	87.0 AT 14:21 EST ON MAR 22	84.6 ON MAR 22	2.72 ON AUG 28	513 000	1980
1981	148 AT 16:59 EST ON FEB 24	142 ON FEB 24	1.40 ON AUG 27	436 000	1981
1982	168 AT 00:02 EST ON APR 2	156 ON APR 2	1.32 ON AUG 21	485 000	1982
1983	86.0 AT 00:10 EST ON MAY 9	59.3 ON MAY 8	0.882 ON SEP 15	434 000	1983
1984	118 AT 04:56 EST ON FEB 16	116 ON FEB 16	1.16 ON AUG 17	480 000	1984
1985	143 AT 23:00 EST ON APR 8	131 ON APR 8	0.870 ON AUG 24	627 000	1985
1986	---	110 E ON MAR 27	1.38 ON SEP 9	522 000	1986
1987	48.4 AT 16:26 EST ON NOV 30	45.8 ON NOV 30	0.885 ON SEP 10	348 000	1987
1988	---	95.3 ON MAR 27	0.847 ON AUG 23	487 000	1988
				439 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	1.31	1.37	19.4	7.75	1.25	0.701	0.745	2.87	4.39	7.31	6.45	5.25	4.91	1977
1978	2.38	1.87	3.21	19.8	6.48	2.00	0.586	0.611	1.41	2.33	2.69	3.41	3.87	1978
1979	3.11	1.50	15.8	18.6	4.87	1.37	0.643	1.27	1.20	4.18	6.95	7.92	5.47	1979
1980	4.17	1.34	6.04	12.5	2.74	1.72	4.30	2.12	3.21	5.04	4.44	5.90	4.84	1980
1981	1.67	16.8	6.56	6.45	4.05	2.08	0.711	1.29	2.87	5.06	4.90	2.93	4.53	1981
1982	2.14	1.17	4.55	24.0	2.42	4.32	1.11	2.02	1.94	1.77	7.86	10.7	5.33	1982
1983	4.32	3.86	7.62	7.79	6.56	2.63	0.882	0.883	1.96	3.10	6.68	3.62	4.06	1983
1984	2.11	12.6	7.80	10.2	3.80	2.04	1.16	0.837	2.80	1.41	6.45	9.81	4.83	1984
1985	3.61	5.82	13.4	21.8	3.57	2.20	0.888	0.888	1.77	3.80	6.58	4.10	5.79	1985
1986	3.67	2.30	15.2	7.86	3.28	1.45	1.11	1.27	13.6	10.2	3.27	3.25	5.63	1986
1987	2.69	1.49	11.4	8.51	1.58	1.80	1.09	0.841	0.527	1.22	3.55	6.52	3.42	1987
1988	3.82	7.16	9.87	8.42	3.04	0.735	0.378	0.406	0.544	1.82	5.95	3.84	3.80	1988
MEAN	2.92	4.75	10.2	12.6	3.84	1.90	1.12	1.23	3.01	3.91	5.49	5.61	4.69	MEAN

LOCATION - LAT 44 11 08 N LONG 80 47 13 W DRAINAGE AREA, 329 km² NATURAL FLOW

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	4.22 AT 08:22 EST ON DEC 31	---	---	---	1976
1977	126 AT 00:04 EST ON MAR 15 *	104 ON MAR 15 *	0.320 ON JUL 26	156 000	1977
1978	80.1 AT 10:02 EST ON APR 13	77.0 ON APR 13	0.395 ON JUL 20	122 000	1978
1979	91.8 AT 00:55 EST ON APR 15	81.6 ON APR 15	0.388 ON JUL 23	172 000	1979
1980	70.6 AT 00:45 EST ON MAR 21	32.3 ON MAR 21	0.882 ON JUL 14	147 000	1980
1981	97.7 AT 08:26 EST ON FEB 22	92.6 ON FEB 22	0.380 ON AUG 26	143 000	1981
1982	87.1 AT 02:26 EST ON APR 18	84.1 ON APR 18	0.801 ON AUG 16	168 000	1982
1983	22.1 AT 02:05 EST ON MAR 8	21.1 ON MAR 8	0.408 ON SEP 12	129 000	1983
1984	81.2 AT 11:48 EST ON DEC 30	73.5 ON DEC 30	0.382E ON AUG 17	155 000	1984
1985	51.0 AT 18:35 EST ON APR 8	46.5 ON MAR 30	0.377 ON AUG 14	183 000	1985
1986	82.4 AT 06:52 EST ON SEP 13	53.8 ON MAR 27	0.505 ON JUL 10	174 000	1986
1987	41.7 AT 11:01 EST ON MAR 26	38.6 ON MAR 26	0.380 ON SEP 10	108 000	1987
1988	---	40.0 ON MAR 27	0.284 ON AUG 22 *	120 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		148 000	MEAN

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	3.71	2.94	3.03	24.5	8.82	3.02	2.45	1.40	1.10	3.33	4.04	4.84	5.09	1972
1973	10.5	4.88	15.8	9.38	6.13	3.88	1.50	1.18	0.881	1.38	5.80	5.06	5.77	1973
1974	5.20	4.34	14.3	17.1	10.7	2.65	2.38	1.31	1.08	2.08	5.18	2.73	5.75	1974
1975	4.82	3.48	8.30	25.7	7.33	2.17	1.69	1.50	2.40	1.75	2.87	7.72	5.81	1975
1976	2.89	5.84	28.0	11.5	5.91	2.24	3.39	1.82	2.12	2.84	5.02	2.83	6.21	1976
1977	2.05	1.97	21.2	9.76	---	---	---	---	---	---	---	---	---	1977
MEAN	4.86	3.94	15.6	16.3	7.38	2.73	2.28	1.40	1.46	2.23	4.60	4.88	5.73	MEAN

LOCATION - LAT 44 11 30 N LONG 80 51 26 W DRAINAGE AREA, 381 km² REGULATED

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	108 AT 15:09 EST ON APR 19 *	100 ON APR 19 *	0.888 ON SEP 23	161 000	1972
1973	84.8 AT 05:54 EST ON MAR 13	51.8 ON MAR 13	0.578 ON SEP 14	182 000	1973
1974	80.1 AT 12:03 EST ON APR 5	76.0 ON APR 5	0.488 ON SEP 11 *	181 000	1974
1975	101 AT 05:33 EST ON APR 21	89.2 ON APR 21	0.875 ON AUG 20	183 000	1975
1976	75.8 AT 13:16 EST ON MAR 26	72.2 ON MAR 26	0.875 ON JUL 21	186 000	1976
1977	101 AT 05:12 EST ON MAR 15	90.6 ON MAR 15	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		181 000	MEAN

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	37.4	19.3	14.4	13.4	11.3	14.3	33.0	27.6	---	1914
1915	33.5	81.9	75.8	73.3	23.0	17.2	14.6	20.7	32.0	37.1	38.7	53.9	41.6	1915
1916	144	138	119	216	76.9	56.1	19.4	12.6	11.5	16.6	25.7	53.8	74.0	1916
1917	33.8	16.3	141	151	85.3	54.1	117	26.4	16.0	26.1	25.2	29.3	58.7	1917
1918	13.9	33.6	192	125	45.1	24.5	14.6	11.2	21.9	21.7	48.8	80.4	52.6	1918
1919	98.5	40.5	173	85.3	70.9	20.8	13.0	10.1	10.9	21.7	47.6	46.3	53.3	1919
1920	30.5	17.6	241	110	40.0	23.5	27.8	17.2	13.3	23.9	80.1	86.5	57.0	1920
1921	94.1	38.6	202	82.4	46.6	37.0	21.1	16.0	12.5	21.1	25.6	49.6	54.3	1921
1922	36.2	34.3	185	158	34.9	25.7	20.2	15.3	14.1	13.4	16.4	19.5	48.3	1922
1923	16.3	12.5	102	204	110	33.4	16.7	11.6	13.6	11.5	16.7	36.3	48.9	1923
1924	46.6	33.6	110	182	120	32.0	21.6	16.7	14.2	14.6	11.9	33.0	51.6	1924
1925	19.1	77.6	149	75.2	26.2	19.0	15.6	11.3	13.9	26.1	104	53.6	49.1	1925
1926	57.5	43.6	71.6	267	87.5	39.5	18.0	21.6	20.5	42.3	121	46.7	68.4	1926
1927	32.6	28.4	162	87.3	58.6	35.0	21.2	12.3	11.7	14.7	27.1	61.5	44.0	1927
1928	44.3	46.4	149	202	42.7	25.0	66.5	57.3	22.2	71.8	123	111	79.9	1928
1929	119	52.6	213	250	131	35.9	29.6	17.1	14.5	16.1	26.5	25.2	77.7	1929
1930	86.9	123	107	137	80.5	36.1	26.9	11.4	10.2	12.6	13.9	33.1	54.4	1930
1931	14.4	20.4	43.9	115	40.1	19.0	15.2	13.2	11.5	20.2	57.6	84.4	37.9	1931
1932	116	115	86.9	140	51.2	22.3	30.3	27.4	50.0	43.3	82.0	11C	73.0	1932
1933	74.8	46.2	86.1	151	77.9	25.0	14.0	11.7	10.7	14.3	27.7	57.8	47.2	1933
1934	72.8	37.1	81.6	173	33.9	17.3	12.4	10.0	14.3	12.9	32.4	21.9	43.2	1934
1935	46.2	25.2	186	36.8	25.3	34.7	16.7	10.2	10.2	12.3	30.0	28.0	36.1	1935
1936	20.1	18.3	132	112	49.5	24.6	11.2	10.2	16.8	22.4	28.4	71.8	43.2	1936
1937	101	101	35.8	141	48.1	18.7	13.2	15.2	13.8	26.7	33.6	27.5	47.4	1937
1938	31.7	144	187	70.8	42.7	26.8	13.2	15.4	16.0	13.8	14.8	16.4	47.1	1938
1939	26.8	30.9	81.6	180	46.2	21.8	21.8	16.1	13.6	19.1	37.5	22.6	44.0	1939
1940	18.7	18.0	18.5	222	85.2	58.1	26.0	16.0	23.6	31.6	87.5	83.4	86.4	1940
1941	86.6	38.6	29.2	197	29.6	18.6	12.3	10.6	14.2	66.6	86.4	62.0	52.4	1941
1942	43.6	30.0	220	112	76.2	70.4	18.8	14.1	24.0	36.7	82.9	53.9	86.4	1942
1943	87.7	84.8	183	188	140	48.5	36.4	28.1	20.8	20.6	86.6	86.2	78.6	1943
1944	82.0	86.2	104	142	87.4	26.6	14.8	11.7	13.8	13.2	23.4	22.3	48.4	1944
1945	18.7	22.9	183	80.6	110	85.2	87.6	18.6	24.5	80.9	51.0	31.6	64.2	1945
1946	107	83.7	209	42.8	30.8	24.6	15.1	13.3	12.7	14.1	19.0	26.7	46.2	1946
1947	48.6	57.8	86.0	377	149	80.8	48.9	25.0	18.2	16.4	16.3	36.6	80.1	1947
1948	19.6	27.6	236	102	53.6	20.6	17.8	13.6	8.40	13.6	26.6	20.2	47.1	1948
1949	87.2	86.1	167	78.8	26.3	14.8	14.7	9.26	11.1	20.6	17.2	133	52.3	1949
1950	128	42.8	132	224	42.3	30.1	33.2	16.7	16.0	17.6	44.3	103	86.1	1950
1951	110	82.1	186	236	81.0	31.6	26.6	17.6	26.8	86.6	81.7	83.4	82.1	1951
1952	106	86.6	106	186	46.6	22.1	16.0	17.6	16.1	11.9	20.8	63.2	66.8	1952
1953	46.8	67.6	137	73.2	78.0	77.7	86.8	18.3	23.1	16.6	17.4	30.3	63.8	1953
1954	26.1	111	180	166	41.6	26.6	13.1	14.0	31.2	191	86.8	46.6	76.1	1954
1955	46.2	41.3	161	178	38.4	27.0	11.4	9.07	7.88	13.0	34.4	31.8	46.3	1955
1956	21.2	18.4	76.6	217	100	30.7	22.0	17.2	26.1	18.1	32.0	76.0	63.7	1956
1957	41.2	86.7	106	82.6	38.9	27.3	61.3	11.6	26.0	40.1	70.4	86.0	64.3	1957
1958	43.6	30.4	73.4	87.2	21.6	14.2	10.6	9.32	11.4	11.3	21.0	21.7	36.6	1958
1959	24.7	27.6	76.6	263	83.6	26.2	16.6	16.7	16.2	26.1	86.3	74.4	62.6	1959
1960	63.2	66.6	67.7	266	126	64.6	23.7	16.6	14.0	16.6	24.7	16.3	62.0	1960
1961	12.1	40.1	124	84.0	64.6	36.6	26.0	22.6	19.4	17.1	34.1	60.6	43.6	1961
1962	21.6	17.4	106	113	34.7	16.2	12.4	10.6	11.4	16.7	30.6	30.6	36.4	1962
1963	21.2	16.7	124	123	67.9	26.2	17.6	14.4	11.3	11.6	26.6	16.9	41.6	1963
1964	60.2	36.0	66.6	73.1	30.7	16.7	12.4	24.7	10.6	12.6	16.3	63.4	36.7	1964
1965	26.6	60.9	66.6	226	74.7	21.6	16.3	16.6	16.6	26.9	66.4	122	66.1	1965
1966	61.6	76.0	144	80.3	46.3	26.4	11.0	12.6	12.0	14.6	36.9	66.1	60.7	1966
1967	66.6	46.3	60.6	187	41.6	64.1	66.4	26.6	26.6	64.1	141	117	76.6	1967
1968	66.1	134	142	82.6	46.6	27.7	16.6	26.3	22.6	26.4	61.0	92.1	61.2	1968
1969	61.3	66.6	63.6	227	117	46.0	26.6	17.6	12.6	21.3	62.7	34.6	64.6	1969
1970	26.6	36.6	46.6	223	49.2	21.6	31.0	16.6	30.1	41.7	46.2	66.6	62.0	1970
1971	36.1	46.9	106	232	60.2	26.3	23.6	16.6	16.6	14.0	20.2	46.6	62.6	1971
1972	36.6	30.2	44.6	246	64.2	36.3	36.6	20.6	14.7	27.3	36.6	66.3	66.6	1972
1973	130	64.6	166	66.3	66.7	37.7	17.7	14.6	6.66	13.4	37.2	43.6	66.2	1973
1974	77.6	44.1	136	144	66.6	32.6	16.4	16.1	12.6	20.6	60.1	33.6	67.6	1974
1975	64.3	66.2	113	203	66.2	27.3	17.4	22.4	24.6	24.2	31.3	77.6	61.2	1975
1976	32.6	66.0	263	104	63.6	27.0	36.6	16.0	24.2	30.4	66.6	36.2	66.4	1976
1977	27.0	30.6	266	104	27.6	16.2	16.6	36.6	64.4	66.7	63.0	73.3	66.4	1977
1978	36.2	26.6	60.2	196	60.1	32.6	16.6	16.4	36.6	36.4	33.3	66.1	46.2	1978
1979	63.6	26.6	167	210	72.6	26.6	17.1	16.6	13.6	66.6	66.6	102	66.7	1979
1980	64.0	27.7	123	170	46.6	32.4	41.6	26.6	26.2	61.2	46.2	76.6	60.1	1980
1981	32.6	191	106	61.0	66.6	30.1	16.0	17.6	41.7	46.6	61.4	64.0	60.1	1981
1982	34.6	26.6	66.7	237	62.6	70.0	22.6	26.3	22.6	22.0	76.3	126	67.1	1982
1983	66.2	76.2	76.7	62.3	60.0	36.7	16.2	16.1	26.6	33.1	64.2	66.2	60.2	1983
1984	36.6	166	106	66.4	60.6	36.3	20.1	12.6	23.6	16.4	66.6	77.4	66.2	1984
1985	60.1	61.0	227	246	62.6	32.0	17.3	16.3	26.6	31.4	76.1	46.3	76.7	1985
1986	46.6	36.6	190	106	63.6	33.1	26.3	22.7	162	131	61.3	66.2	76.6	1986
1987	37.0	27.6	116	66.6	26.4	22.0	16.3	16.6	16.1	33.1	66.6	66.1	46.3	1987
1988	63.6	62.2	119	66.4	46.2	17.7	16.6	12.2	13.7	36.0	76.2	63.6	60.1	1988
MEAN	62.6	66.2	126	161	60.6	32.6	24.1	17.3	20.6	30.6	47.1	66.6	66.6	MEAN

LOCATION - LAT 44 27 23 N DRAINAGE AREA, 3 660 km²
LONG 81 19 36 W NATURAL FLOW

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---				
1916	---	174 ON FEB 24	11.0 ON AUG 2	1 310 000	1915
1917	---	547 ON APR 2	10.1 ON SEP 18	2 340 000	1916
1918	---	589 ON MAR 27	10.8 ON SEP 27	1 850 000	1917
1919	---	501 ON MAR 23	8.72 ON JUL 28 *	1 870 000	1918
		530 ON MAR 17	8.72 ON AUG 14	1 880 000	1919
1920	---				
1921	---	547 ON MAR 28	12.1 ON SEP 20	1 800 000	1920
1922	---	458 ON MAR 21	10.5 ON SEP 13	1 710 000	1921
1923	---	426 ON MAR 14	9.20 ON SEP 5	1 820 000	1922
1924	---	725 ON APR 8	9.28 ON AUG 20	1 840 000	1923
		442 ON APR 7	10.6 ON OCT 28	1 830 000	1924
1925	---				
1926	---	289 ON MAR 11	7.83 ON AUG 31	1 880 000	1925
1927	---	538 ON APR 25	14.9 ON JUL 31	2 190 000	1926
1928	---	447 ON MAR 16	10.9 ON AUG 18	1 390 000	1927
1929	---	575 ON APR 8	15.9 ON SEP 8	2 530 000	1928
		685 ON APR 7	11.0 ON SEP 18	2 480 000	1929
1930	---				
1931	---	231 ON APR 7	8.78 ON SEP 22	1 720 000	1930
1932	---	172 ON APR 12	8.36 ON SEP 14	1 300 000	1931
1933	---	287 ON APR 1	15.1 ON JUN 26	2 310 000	1932
1934	---	337 ON APR 2	8.18 ON SEP 5	1 480 000	1933
		381 ON APR 5	8.78 ON AUG 21	1 380 000	1934
1935	---				
1936	---	482 ON MAR 17	8.78 ON AUG 18	1 140 000	1935
1937	---	368 ON MAR 25	8.78 ON AUG 12	1 370 000	1936
1938	---	518 ON APR 6	9.63 ON AUG 3	1 480 000	1937
1939	---	501 ON MAR 25	9.81 ON AUG 1	1 480 000	1938
		362 ON APR 20	9.12 ON OCT 8	1 380 000	1939
1940	---				
1941	---	470 ON APR 9	13.1 ON AUG 17	1 780 000	1940
1942	---	507 ON APR 7	7.84 ON AUG 18	1 850 000	1941
1943	---	818 ON MAR 17	12.0 ON AUG 22	2 080 000	1942
1944	---	586 ON APR 2	14.2 ON OCT 8	2 510 000	1943
		309 ON MAR 28	9.12 ON AUG 28	1 470 000	1944
1945	---				
1946	---	484 ON MAR 18	15.4 ON AUG 28	2 020 000	1945
1947	---	490 ON MAR 9	10.5 ON OCT 11	1 520 000	1946
1948	---	844 ON APR 12	13.1 ON OCT 6	2 530 000	1947
1949	---	818 ON MAR 22	9.12 ON SEP 1	1 480 000	1948
		478 ON MAR 28	8.27 ON AUG 14	1 850 000	1949
1950	---				
1951	---	594 ON APR 5	11.0 ON AUG 28	2 180 000	1950
1952	---	458 ON MAR 31	13.2 ON AUG 14	2 590 000	1951
1953	---	371 ON APR 2	10.8 ON SEP 14	1 770 000	1952
1954	---	284 ON MAR 18	11.8 ON AUG 31	1 700 000	1953
		733E ON OCT 18	10.2 ON JUL 27	2 400 000	1954
1955	---				
1956	697 AT 17:00 EST ON APR 4	337 ON MAR 12	7.08 ON SEP 18	1 850 000	1955
1957	377 AT 10:00 EST ON DEC 21	686 ON APR 4	10.8 ON AUG 23	1 700 000	1956
1958	226 AT 00:01 EST ON MAR 31	351 ON DEC 21	10.0 ON SEP 2	1 710 000	1957
1959	880 AT 01:30 EST ON APR 6	210 ON MAR 31	7.48 ON AUG 8	835 000	1958
		527 ON APR 6	11.8 ON AUG 8	1 870 000	1959
1960	722 AT 21:00 EST ON APR 3	680 ON APR 3	11.7 ON SEP 12	1 880 000	1960
1961	326 AT 01:30 EST ON MAR 7	257 ON MAR 7	7.48E ON FEB 3	1 380 000	1961
1962	589 AT 02:30 EST ON MAR 30	467 ON MAR 30	8.88 ON SEP 4	1 120 000	1962
1963	863 AT 07:00 EST ON MAR 30	818 ON MAR 30	9.74 ON SEP 28	1 310 000	1963
1964	3178 AT 23:50 EST ON MAR 5	2518 ON MAR 5	7.18 ON JUL 31	1 180 000	1964
1965	753 AT 14:00 EST ON APR 12	680 ON APR 12	10.5 ON AUG 2	2 050 000	1965
1966	4028 AT 11:30 EST ON FEB 11	371 ON DEC 6	8.21 ON JUL 25	1 800 000	1966
1967	685 AT 05:30 EST ON APR 1	628 ON APR 1	15.0 ON SEP 16	2 510 000	1967
1968	784 AT 01:00 EST ON FEB 3	581 ON FEB 3	13.5 ON JUL 25	1 840 000	1968
1969	832 AT 14:00 EST ON APR 5	484 ON APR 5	11.8 ON SEP 5	2 040 000	1969
1970	585 AT 04:00 EST ON APR 18	532 ON APR 18	11.8 ON AUG 18	1 840 000	1970
1971	507 AT 10:00 EST ON APR 13	490 ON APR 13	11.8 ON OCT 4	1 670 000	1971
1972	880 AT 23:26 EST ON DEC 31	596 ON APR 15	11.7 ON SEP 24	1 780 000	1972
1973	882 AT 00:42 EST ON JAN 1	478 ON JAN 1	7.88 ON SEP 18	1 770 000	1973
1974	450 AT 21:24 EST ON MAR 5	425 ON MAR 5	10.7 ON SEP 9	1 810 000	1974
1975	684 AT 04:28 EST ON APR 21	671 ON APR 21	10.8 ON AUG 10	1 930 000	1975
1976	695 AT 08:55 EST ON MAR 21	760 ON MAR 21	12.3 ON AUG 27	2 180 000	1976
1977	1 100 AT 00:18 EST ON MAR 14 *	1 030 ON MAR 14 *	8.86 ON JUL 28	2 180 000	1977
1978	371 AT 08:08 EST ON APR 13	382 ON APR 13	11.4 ON SEP 10	1 530 000	1978
1979	572 AT 02:01 EST ON APR 18	546 ON APR 18	9.53 ON SEP 30	2 200 000	1979
1980	412 AT 00:03 EST ON MAR 23	372 ON MAR 22	14.8 ON SEP 13	1 900 000	1980
1981	912 AT 22:00 EST ON FEB 23	742 ON FEB 23	10.5 ON JUL 28	1 900 000	1981
1982	750 AT 23:16 EST ON MAR 31	623 ON APR 1	14.0 ON AUG 19	2 110 000	1982
1983	228 AT 18:56 EST ON MAY 2	177 ON MAY 3	8.08 ON SEP 15	1 580 000	1983
1984	533 AT 22:30 EST ON FEB 15	513 ON FEB 15	10.0 ON AUG 17	1 870 000	1984
1985	645 AT 04:48 EST ON APR 6	511 ON APR 8	10.8 ON AUG 14	2 380 000	1985
1986	563A ON SEP 13	537A ON SEP 13	14.8 ON JUL 12	2 410 000	1986
1987	279 AT 02:38 EST ON MAR 27	272 ON MAR 27	9.56 ON AUG 30	1 480 000	1987
1988	---	368E ON MAR 27	8.73 ON JUL 24	1 590 000	1988
				1 780 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	17.6	8.88	7.59	7.89	8.34	8.28	16.8	18.8	---	1914
1915	18.0	30.2	36.4	42.0	14.7	9.20	7.86	12.0	18.6	21.7	22.8	23.2	21.0	1915
1916	88.3	37.2	36.9	126	48.2	25.0	12.4	7.85	8.82	9.31	12.2	24.6	36.1	1916
1917	16.4	13.2	76.4	83.0	32.7	27.8	87.8	11.8	7.88	13.3	10.7	8.27	30.1	1917
1918	7.90	21.0	88.7	87.2	24.0	12.8	8.78	6.85	11.8	12.7	26.8	46.8	28.1	1918
1919	28.6	17.7	90.0	83.4	44.3	13.8	8.48	8.13	7.20	10.3	24.2	25.1	27.8	1919
1920	14.7	14.7	115	83.5	23.0	12.8	19.4	8.47	7.10	12.8	32.8	44.0	30.8	1920
1921	40.7	16.0	108	80.8	28.1	19.7	13.2	9.14	7.14	11.3	12.1	23.2	28.8	1921
1922	14.0	14.7	88.8	82.0	20.3	13.7	12.4	8.68	8.42	7.84	8.85	8.71	23.3	1922
1923	8.88	8.21	42.7	103	70.8	21.8	11.1	8.28	10.2	7.48	10.8	25.8	27.8	1923
1924	23.7	15.8	40.2	88.2	83.0	19.0	14.8	13.8	12.0	8.32	8.12	18.8	27.4	1924
1925	10.2	30.1	72.8	41.2	14.7	12.1	10.0	8.28	8.88	18.4	80.2	26.8	26.0	1925
1926	21.7	17.8	27.0	128	51.8	21.3	11.1	18.2	13.8	28.2	88.8	27.8	36.0	1926
1927	18.1	17.1	87.2	34.8	36.4	21.3	14.0	8.06	8.26	8.83	18.8	28.1	26.3	1927
1928	28.8	18.8	87.4	111	25.4	14.4	31.8	30.1	13.8	40.3	80.7	58.3	41.8	1928
1929	84.3	27.3	128	137	88.4	18.3	18.8	7.84	8.78	8.88	14.8	13.8	42.8	1929
1930	48.4	88.8	88.8	88.8	40.7	23.7	12.8	4.82	3.72	8.28	8.22	8.84	29.7	1930
1931	7.28	8.83	14.8	70.2	23.8	10.4	7.88	8.88	8.14	8.37	30.1	47.3	20.2	1931
1932	84.8	88.0	47.0	83.8	28.4	12.0	19.0	18.3	24.2	20.8	48.2	83.2	40.2	1932
1933	38.2	26.1	30.8	83.8	42.8	16.8	8.08	8.44	8.83	7.88	13.2	28.8	28.4	1933
1934	34.0	18.4	48.8	108	21.1	8.31	8.48	4.11	8.01	4.88	10.7	8.41	22.7	1934
1935	20.8	13.0	73.0	21.8	18.3	22.8	8.26	4.82	4.38	4.82	17.0	12.4	18.2	1935
1936	8.80	8.47	83.1	82.8	32.3	12.7	8.21	8.32	8.48	12.8	17.7	38.8	23.4	1936
1937	88.8	84.8	20.3	70.4	30.4	10.8	8.28	8.27	8.00	12.3	14.6	11.8	28.4	1937
1938	13.7	87.4	86.4	41.3	24.2	18.4	8.44	8.32	7.33	8.43	8.81	8.84	24.3	1938
1939	18.3	14.2	38.3	108	26.3	12.8	12.8	8.70	8.70	10.7	18.4	10.7	24.0	1939
1940	8.20	8.81	8.78	118	82.8	38.4	12.7	8.38	13.1	18.3	34.8	44.8	30.4	1940
1941	34.3	20.7	18.3	88.1	18.8	8.84	8.77	8.42	7.84	28.8	43.2	34.8	28.8	1941
1942	22.7	14.8	102	87.4	44.1	40.2	10.8	7.82	18.8	21.8	44.0	26.0	34.8	1942
1943	32.3	48.7	88.7	118	88.3	30.8	18.4	18.7	11.8	8.86	28.8	18.1	42.8	1943
1944	22.7	28.8	38.7	82.0	36.8	18.1	8.86	8.88	7.18	8.81	12.1	10.1	23.4	1944
1945	10.1	11.8	84.0	80.8	88.8	40.8	38.2	10.7	18.4	84.3	32.2	18.8	38.8	1945
1946	83.0	38.1	112	27.8	18.1	11.8	7.23	8.38	8.81	8.82	8.87	10.8	28.8	1946
1947	23.4	31.7	37.1	208	88.8	48.7	23.8	12.8	10.0	10.1	11.3	18.2	43.8	1947
1948	10.8	18.0	140	88.8	28.2	11.8	10.2	7.18	8.48	8.13	18.8	11.8	27.8	1948
1949	44.8	34.8	87.8	88.7	18.8	10.2	8.88	8.70	7.42	8.76	8.08	78.7	31.0	1949
1950	71.8	27.4	88.4	132	27.1	18.8	18.4	8.82	7.83	8.11	24.1	82.8	37.8	1950
1951	88.8	33.7	78.3	144	38.7	20.8	18.7	10.2	17.4	36.0	83.2	36.0	48.2	1951
1952	83.7	31.7	81.2	118	32.8	13.7	8.30	8.82	7.81	8.42	13.0	28.8	32.0	1952
1953	26.3	28.1	83.3	42.2	48.1	44.2	40.4	11.1	12.0	11.3	10.2	18.4	31.0	1953
1954	14.0	81.8	98.1	112	28.8	18.4	8.82	8.30	17.8	101	38.8	26.8	44.4	1954
1955	33.4	24.8	73.8	108	28.4	18.1	7.20	8.37	4.30	7.88	18.3	17.0	28.8	1955
1956	11.8	10.8	32.8	128	88.1	18.0	13.2	8.88	18.4	11.7	11.8	31.7	28.8	1956
1957	21.8	28.8	48.4	44.3	24.4	21.2	31.8	8.87	18.4	18.8	33.1	48.8	28.8	1957
1958	21.2	18.8	30.8	48.8	11.8	7.87	8.82	8.83	8.72	8.88	11.2	11.8	18.3	1958
1959	13.3	13.7	34.8	133	80.3	17.0	11.0	12.8	12.1	18.8	48.8	34.8	33.8	1959
1960	34.2	27.3	23.8	148	74.8	38.4	13.4	8.88	7.48	8.80	13.0	8.21	33.8	1960
1961	8.18	18.7	48.0	45.3	30.4	23.1	18.4	11.4	8.83	8.81	18.1	24.8	21.3	1961
1962	18.1	14.8	41.8	88.1	18.3	8.88	8.84	8.84	8.81	11.1	18.8	18.8	18.3	1962
1963	8.83	8.38	83.8	80.8	48.3	14.8	10.8	8.71	7.28	8.74	13.8	8.42	21.7	1963
1964	23.0	18.8	44.8	42.7	18.0	8.28	7.78	13.1	8.48	8.48	8.87	21.1	18.2	1964
1965	17.3	38.8	30.2	111	44.3	12.2	8.04	8.88	11.0	24.7	41.8	81.3	34.2	1965
1966	32.8	38.3	70.2	47.8	28.8	20.8	7.38	8.08	7.30	8.08	23.2	43.3	27.8	1966
1967	36.3	24.2	38.8	87.8	24.1	81.8	33.4	18.8	18.8	33.2	83.2	81.8	41.8	1967
1968	26.0	88.2	70.7	82.1	28.7	18.8	10.7	18.0	18.2	18.7	33.7	48.8	32.3	1968
1969	38.3	38.3	47.8	118	87.0	28.4	18.8	10.4	7.78	13.0	23.8	18.3	38.0	1969
1970	11.2	18.8	18.8	110	30.2	13.1	20.8	8.88	18.1	23.2	28.4	28.8	27.0	1970
1971	18.2	18.4	41.0	123	28.4	18.8	13.8	8.70	8.47	8.88	11.8	28.0	27.1	1971
1972	22.0	17.3	21.4	128	37.0	21.7	17.8	10.8	8.33	18.2	21.0	30.8	28.0	1972
1973	88.4	30.8	88.4	80.8	38.1	24.1	11.8	8.07	8.87	8.84	22.1	23.2	31.4	1973
1974	31.1	24.2	78.3	83.8	81.8	18.0	12.7	8.88	7.88	11.4	23.7	18.1	31.4	1974
1975	30.2	28.1	81.0	128	38.8	18.8	11.3	12.2	18.1	12.8	18.8	38.0	33.1	1975
1976	18.8	40.2	150	81.0	38.8	18.8	23.8	11.2	18.2	18.8	28.8	18.0	38.8	1976
1977	13.8	18.3	118	82.7	18.3	11.0	10.7	27.4	32.2	47.2	42.8	38.8	38.3	1977
1978	20.3	17.3	28.8	108	27.7	18.8	8.88	10.2	20.8	20.4	18.1	20.0	27.1	1978
1979	22.3	13.8	103	117	41.4	18.8	10.7	12.8	10.4	23.3	38.7	80.8	38.4	1979
1980	22.3	11.2	88.7	87.1	28.4	17.7	28.8	18.7	18.2	30.4	28.8	38.1	31.7	1980
1981	14.1	80.2	46.3	41.8	28.8	18.3	10.8	12.4	23.0	32.4	30.3	24.8	30.7	1981
1982	18.3	12.2	42.3	138	24.2	38.2	13.7	18.7	14.0	13.4	44.0	87.1	38.7	1982
1983	38.8	34.1	46.0	48.4	48.7	23.7	11.4	12.0	18.8	23.3	31.7	30.2	30.8	1983
1984	17.8	80.3	88.8	80.8	28.0	21.8	13.7	8.38	18.1	12.4	32.0	48.8	33.8	1984
1985	24.7	44.8	107	140	34.8	20.0	11.0	10.8	18.7	20.7	80.1	28.8	42.2	1985
1986	27.2	20.0	87.4	88.0	33.2	22.0	17.2	17.2	84.8	78.7	32.3	32.8	44.1	1986
1987	22.8	18.4	87.8	88.8	17.1	14.2	13.2	10.7	8.78	14.0	28.3	44.7	28.4	1987
1988	28.4	44.4	82.0	88.3	28.3	10.2	8.88	7.34	7.84	17.0	38.8	23.8	27.3	1988
MEAN	28.8	27.4	83.0	88.2	38.7	18.8	14.1	10.3	12.2	17.2	28.3	28.8	30.8	MEAN

LOCATION - LAT 44 07 13 N DRAINAGE AREA, 2 150 km²
LONG 81 08 88 W NATURAL FLOW

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	106 ON APR 12	6.84 ON JUN 28	883 000	1915
1916	---	215 ON APR 3	4.50 ON SEP 17	1 110 000	1916
1917	---	371 ON MAR 26	3.89 ON DEC 7	948 000	1917
1918	---	247 ON APR 2	2.29 ON JUL 24 *	887 000	1918
1919	---	261 ON MAR 18	2.83 ON AUG 14	877 000	1919
1920	---	292 ON MAR 28	4.82 ON SEP 6	978 000	1920
1921	---	297 ON MAR 21	5.52 ON AUG 20	889 000	1921
1922	---	220 ON APR 12	3.48 ON AUG 20	738 000	1922
1923	---	281 ON MAY 18	5.84 ON SEP 3	888 000	1923
1924	---	288 ON APR 7	5.41 ON OCT 28	886 000	1924
1925	---	190 ON MAR 28	4.84 ON AUG 28	821 000	1925
1926	---	334 ON APR 24	5.84 ON AUG 21	1 100 000	1926
1927	---	277 ON MAR 18	4.81 ON SEP 26	787 000	1927
1928	---	385 ON APR 6	8.07 ON SEP 6	1 320 000	1928
1929	---	515 ON APR 6	2.32 ON SEP 30	1 340 000	1929
1930	---	163 ON APR 13	2.52 ON SEP 27	935 000	1930
1931	---	132 ON APR 11	3.60 ON SEP 13	837 000	1931
1932	---	183 ON APR 12	6.65 ON SEP 3	1 270 000	1932
1933	---	215 ON APR 2	4.08 ON SEP 3	832 000	1933
1934	---	220 ON APR 6	3.14 ON AUG 18	717 000	1934
1935	---	228 ON MAR 18	3.14 ON AUG 30	874 000	1935
1936	---	170 ON MAR 27	4.02 ON AUG 15	738 000	1936
1937	---	180 ON APR 6	5.55 ON AUG 1	801 000	1937
1938	---	371 ON MAR 24	3.88 ON SEP 12	767 000	1938
1939	---	249 ON APR 19	3.43 ON OCT 7	768 000	1939
1940	---	282 ON APR 11	5.55 ON AUG 12	980 000	1940
1941	---	248 ON APR 8	3.20 ON AUG 11	847 000	1941
1942	---	345 ON MAR 18	5.80 ON AUG 17	1 100 000	1942
1943	---	532 ON APR 2	6.65 ON OCT 11	1 350 000	1943
1944	---	234 ON APR 11	4.30 ON AUG 21	742 000	1944
1945	---	345 ON MAR 17	5.78 ON AUG 24	1 150 000	1945
1946	---	280 ON MAR 9	4.18 ON OCT 7	803 000	1946
1947	---	828 ON APR 12	8.08 ON OCT 13	1 370 000	1947
1948	---	840 ON MAR 21 *	3.37 ON SEP 7	868 000	1948
1949	---	413 ON DEC 23	4.11 ON AUG 6	877 000	1949
1950	---	578 ON APR 5	5.04 ON AUG 27	1 190 000	1950
1951	---	283 B ON JAN 6	5.85 ON AUG 12	1 430 000	1951
1952	292 AT 13:00 EST ON APR 2	276 ON APR 2	5.13 ON OCT 6	1 010 000	1952
1953	163 AT 18:00 EST ON MAR 18	148 ON MAR 18	5.21 ON SEP 3	877 000	1953
1954	---	428 ON OCT 17	4.81 ON JUL 28	1 400 000	1954
1955	---	197 ON APR 3	3.54 ON SEP 20	903 000	1955
1956	---	388 ON APR 7	6.08 ON AUG 10	915 000	1956
1957	---	180 ON DEC 22	5.21 ON AUG 24	803 000	1957
1958	---	107 ON APR 3	3.51 ON AUG 18	482 000	1958
1959	309 AT 17:00 EST ON APR 6	283 ON APR 8	5.51 ON AUG 6	1 080 000	1959
1960	428 AT 17:00 EST ON APR 4	411 ON APR 4	5.65 ON SEP 12	1 080 000	1960
1961	---	116 ON MAR 29	5.80B ON FEB 1	870 000	1961
1962	---	253 ON MAR 31	4.81 ON SEP 3	808 000	1962
1963	382 AT 22:00 EST ON MAR 30	368 ON MAR 31	4.98 ON OCT 23	885 000	1963
1964	---	126 ON APR 9	4.88 ON JUL 30	876 000	1964
1965	282 AT 24:00 EST ON APR 12	257 ON APR 13	6.82 ON AUG 28	1 080 000	1965
1966	206 AT 01:00 EST ON DEC 9	192 ON DEC 9	5.38 ON SEP 19	878 000	1966
1967	317 AT 22:00 EST ON APR 3	289 ON APR 3	9.00 ON SEP 17	1 310 000	1967
1968	263 B AT 03:30 EST ON FEB 3	213 B ON FEB 3	8.18 ON JUL 27	1 020 000	1968
1969	248 AT 11:51 EST ON APR 11	242 ON APR 11	7.08 ON SEP 8	1 100 000	1969
1970	289 AT 20:00 EST ON APR 18	272 ON APR 18	8.84 ON AUG 18	852 000	1970
1971	311 AT 02:00 EST ON APR 14	306 ON APR 14	7.31 ON AUG 22	884 000	1971
1972	418 AT 18:44 EST ON APR 18	377 ON APR 18	8.48 ON SEP 24	917 000	1972
1973	219 AT 13:05 EST ON MAR 13	210 ON MAR 13	8.55 ON SEP 18	881 000	1973
1974	343 AT 01:32 EST ON MAR 8	326 ON MAR 8	8.71 ON SEP 11	893 000	1974
1975	538 AT 10:05 EST ON APR 20 *	527 ON APR 20	7.42 ON AUG 10	1 050 000	1975
1976	389 AT 23:31 EST ON MAR 21	374 ON MAR 22	8.33 ON AUG 31	1 180 000	1976
1977	507 AT 12:00 EST ON MAR 14	490 ON MAR 14	8.34 ON JUL 28	1 110 000	1977
1978	280 AT 17:50 EST ON APR 12	248 ON APR 12	8.07 ON SEP 8	854 000	1978
1979	442 AT 05:43 EST ON APR 15	425 ON APR 15	7.65 ON SEP 30	1 210 000	1979
1980	257 AT 08:07 EST ON MAR 22	240 ON MAR 22	8.89 ON SEP 12	1 000 000	1980
1981	358 AT 06:51 EST ON FEB 24	349 ON FEB 24	7.83 ON JUL 26	889 000	1981
1982	338 AT 11:31 EST ON APR 1	328 ON APR 1	8.38 ON AUG 17	1 180 000	1982
1983	87.8 AT 17:22 EST ON MAR 8	86.5 ON MAR 8	7.73 ON SEP 13	984 000	1983
1984	280 AT 21:12 EST ON DEC 30	262 ON FEB 15	7.80 ON AUG 17	1 080 000	1984
1985	351 AT 00:06 EST ON APR 7	335 ON MAR 30	7.17 ON AUG 14	1 330 000	1985
1986	374 AT 21:07 EST ON SEP 12	352 ON SEP 12	10.0 ON JUL 12	1 380 000	1986
1987	203 AT 21:31 EST ON MAR 26	192 ON MAR 26	7.06 ON SEP 10	831 000	1987
1988	---	218 ON MAR 27	5.81 ON JUL 21	882 000	1988
				982 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.893	0.263	0.373	0.397	0.478	0.488	0.186	---	1981
1982	0.178	0.104	0.421	0.841	0.228	0.181	0.116	0.137	0.181	0.130	0.285	0.433	0.278	1982
1983	0.176	0.355	0.531	0.545	0.529	0.239	0.132	---	---	---	---	---	---	1983
MEAN	0.177	0.230	0.476	0.743	0.378	0.338	0.183	0.255	0.288	0.304	0.391	0.300	0.278	MEAN

LOCATION - LAT 45 23 16 N DRAINAGE AREA, 20.4 km^2
LONG 75 40 26 W NATURAL FLOW

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.0818 ON DEC 30	---	1981
1982	---	3.85 ON APR 1 *	0.060 ON AUG 18 *	8 770	1982
1983	---	---	---	---	1983
				8 770	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	0.140	0.172	0.185	0.208	0.142	0.148	0.184	0.277	---	1971
1972	0.224	0.144	0.588	---	---	---	0.180	0.185	0.215	0.320	0.274	0.383	---	1972
1973	0.412	0.298	1.07	0.382	0.391	0.184	0.187	0.188	0.185	0.222	0.188	0.217	0.348	1973
1974	0.448	0.283	0.814	0.823	0.583	0.298	0.169	0.083	0.177	0.117	0.381	0.088	0.313	1974
1975	0.287	0.586	0.800	0.544	0.211	0.377	0.148	0.531	0.179	0.133	0.242	0.288	0.343	1975
1976	0.125	0.710	1.04	0.481	0.283	0.135	0.188	0.178	0.320	0.188	0.148	0.085	0.322	1976
1977	0.070	0.159	0.969	0.507	0.150	0.228	0.227	0.381	0.582	0.478	0.336	0.426	0.377	1977
1978	0.189	0.126	0.570	0.885	0.377	0.184	0.185	0.207	0.308	0.212	0.281	0.234	0.317	1978
1979	0.249	0.185	0.824	0.738	0.377	0.331	0.130	0.221	0.262	0.384	0.484	0.532	0.401	1979
1980	0.328	0.180	0.885	0.593	0.312	0.308	0.245	0.208	0.304	0.287	0.175	0.288	0.341	1980
1981	0.129	0.810	0.243	0.418	0.290	0.285	0.214	0.241	0.383	0.428	0.245	0.208	0.328	1981
1982	0.188	0.176	1.06	0.783	0.315	0.458	0.338	0.571	0.330	0.147	0.439	0.672	0.484	1982
1983	0.208	0.446	0.243	0.448	0.847	0.221	0.284	0.271	0.281	0.216	0.302	0.304	0.320	1983
1984	0.127	0.888	0.818	0.367	0.387	0.823	0.242	0.348	0.351	0.182	0.317	0.348	0.387	1984
1985	0.198	0.745	0.975	0.882	0.232	0.312	0.345	0.407	0.321	0.302	0.811	0.258	0.494	1985
1986	0.210	0.178	0.883	0.325	0.384	0.418	0.289	0.381	0.881	0.598	0.272	0.329	0.423	1986
1987	0.147	0.121	0.817	0.600	0.189	0.285	0.738	0.515	0.275	0.283	0.385	0.487	0.378	1987
1988	0.384	0.248	0.883	0.333	0.288	0.141	0.870	0.384	0.383	0.378	0.485	0.248	0.384	1988
MEAN	0.228	0.378	0.731	0.527	0.328	0.284	0.268	0.303	0.325	0.273	0.341	0.313	0.387	MEAN

LOCATION - LAT 43 28 22 N DRAINAGE AREA, 25.1 km^2
LONG 80 28 34 W NATURAL FLOW

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	12.4 AT 12:21 EST ON JUN 21	3.77 ON MAR 22	---	---	1972
1973	7.16 AT 01:03 EST ON JUL 14	2.76 ON FEB 3	0.042 ON JUL 23	10 900	1973
1974	11.1 AT 18:55 EST ON MAY 18	4.30 ON JAN 27	0.040 ON AUG 25	9 870	1974
1975	24.7 AT 04:22 EST ON AUG 24	8.67 ON AUG 24	0.038 ON JUL 25 *	17 600	1975
1976	16.7 AT 18:14 EST ON JUL 7	4.56 ON MAR 5	0.031 ON DEC 30	10 200	1976
1977	23.8 AT 18:08 EST ON AUG 16	5.30 ON MAR 13	0.031 ON JAN 1	11 800	1977
1978	8.72 AT 18:08 EST ON MAY 20	3.54 ON APR 11	0.037 ON AUG 1	9 930	1978
1979	12.1 AT 21:08 EST ON AUG 23	5.09 ON MAR 4	0.041 ON JUL 29	12 600	1979
1980	18.1 AT 11:13 EST ON MAR 21	6.09 ON MAR 21	0.080 ON DEC 27	10 800	1980
1981	17.8 AT 03:38 EST ON SEP 4	3.88 ON SEP 4	0.058 ON JAN 1	10 300	1981
1982	41.0 E AT 03:11 EST ON AUG 4	9.32 ON MAR 31 *	0.044 ON OCT 10	14 300	1982
1983	24.5 AT 03:37 EST ON JUL 28	4.22 ON MAY 2	0.030 ON JUL 24	10 100	1983
1984	24.4 AT 02:56 EST ON AUG 2	8.95 ON FEB 14	0.048 ON JUL 24	12 200	1984
1985	28.8 AT 08:42 EST ON JUL 15	7.81 ON FEB 24	0.031 ON AUG 3	14 300	1985
1986	24.5 AT 00:14 EST ON SEP 11	5.88 ON SEP 28	0.050 ON JUL 28	13 300	1986
1987	58.9 AT 13:13 EST ON AUG 2 *	8.09 ON AUG 2	0.061 ON JUN 21	11 800	1987
1988	---	9.01 ON JUL 30	0.038 ON JUL 27	11 600	1988
				11 600	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	0.151	0.138	0.010	0.018	0.030	0.041	0.101	0.153	---	1966
1967	0.173	0.341	0.657	0.528	0.133	0.408	0.366	0.065	0.083	0.215	0.308	0.852	0.317	1967
1968	0.278	1.14	2.13	0.325	0.162	0.067	0.047	0.058	0.072	0.883	0.256	0.232	0.402	1968
1969	0.570	0.225	1.01	0.894	0.417	0.114	0.065	0.035	0.036	0.065	0.148	0.083	0.307	1969
1970	0.125	0.240	0.501	0.971	0.149	0.036	0.048	0.027	0.047	0.057	0.133	0.138	0.205	1970
1971	0.080	0.094	0.426	0.846	0.088	0.043	0.033	0.061	0.033	0.045	0.065	0.158	0.176	1971
1972	0.156	0.084	0.231	1.71	0.151	0.145	0.066	0.080	0.035	0.135	0.257	0.215	0.271	1972
1973	0.467	0.320	1.48	0.668	0.330	0.103	0.033	0.050	0.028	0.183	0.177	0.138	0.331	1973
1974	0.582	0.230	1.01	0.589	0.478	0.100	0.048	0.037	0.041	0.059	0.144	0.148	0.281	1974
1975	0.143	0.700	0.773	0.917	0.282	0.052	0.028	0.027	0.044	0.083	0.077	0.070	0.261	1975
1976	0.042	0.742	0.825	0.378	0.280	0.043	0.138	0.150	0.088	0.185	0.122	0.063	0.285	1976
1977	0.052	0.085	1.30	0.307	0.054	0.080	0.053	0.188	0.205	0.524	0.274	0.485	0.305	1977
1978	0.248	0.142	0.772	1.83	0.383	0.070	0.024	0.047	0.118	0.108	0.122	0.117	0.329	1978
1979	0.149	0.080	1.38	0.781	0.387	0.075	0.033	0.052	0.081	0.189	0.287	0.508	0.335	1979
1980	0.344	0.028	0.880	0.967	0.213	0.078	0.437	0.103	0.158	0.221	0.202	0.488	0.380	1980
1981	0.077	0.889	0.328	0.243	0.245	0.084	0.167	0.158	0.187	0.288	0.424	0.187	0.262	1981
1982	0.186	0.114	2.08	1.00	0.153	0.294	0.052	0.050	0.083	0.084	0.388	0.859	0.448	1982
1983	0.348	0.815	0.825	0.642	0.498	0.099	0.028	0.032	0.039	0.088	0.185	0.181	0.284	1983
1984	0.091	1.12	0.872	0.697	0.285	0.118	0.048	0.031	0.089	0.083	0.153	0.208	0.317	1984
1985	0.101	1.20	1.32	0.827	0.145	0.129	0.157	0.088	0.102	0.108	0.436	0.280	0.400	1985
1986	0.238	0.182	1.61	0.333	0.311	0.111	0.155	0.280	0.881	0.447	0.253	0.308	0.401	1986
1987	0.215	0.124	1.28	0.824	0.105	0.084	0.138	0.041	0.043	0.093	0.136	0.325	0.284	1987
1988	0.156	0.228	0.804	0.388	0.153	0.026	0.017	0.022	0.042	0.080	0.134	0.085	0.180	1988
MEAN	0.218	0.388	1.01	0.787	0.241	0.110	0.087	0.074	0.100	0.145	0.214	0.289	0.304	MEAN

LOCATION - LAT 44 00 43 N, LONG 79 41 10 W. DRAINAGE AREA, 42.9 km². NATURAL FLOW

REMARKS - LAT. COORDINATES AND DRAINAGE AREA REVISED NOV 1982

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	11.2 AT 01:20 EST ON DEC 22	5.47 ON DEC 22	0.017 ON JUN 6	10 000	1967
1968	13.8 B AT 14:30 EST ON FEB 2	7.068 ON FEB 2	0.008 ON JUL 28 *	12 700	1968
1969	13.3 AT 00:35 EST ON MAR 21	5.80 ON MAR 21	0.012 ON AUG 24	9 700	1969
1970	8.60 AT 19:16 EST ON APR 8	3.84 ON APR 9	0.010 ON JUN 8	6 480	1970
1971	5.80 AT 05:52 EST ON APR 2	4.67 ON APR 2	0.015 ON AUG 21	5 540	1971
1972	13.0 AT 17:12 EST ON APR 13	5.15 ON APR 13	0.014 ON AUG 22	8 580	1972
1973	8.13 AT 00:16 EST ON MAR 12	4.22 ON MAR 12	0.010 ON SEP 1	10 400	1973
1974	---	7.388 ON MAR 5	0.013 ON JUL 23	9 170	1974
1975	15.3 AT 20:16 EST ON FEB 24 *	7.80 ON FEB 24	0.015 ON JUL 17	8 250	1975
1976	---	4.258 ON MAR 20	0.0208 ON JAN 8	8 280	1976
1977	10.2 AT 17:04 EST ON MAR 8	5.48 ON MAR 8	0.016 ON JUL 26	9 820	1977
1978	8.66 AT 02:24 EST ON APR 7	5.31 ON APR 7	0.014 ON JUL 27	10 400	1978
1979	9.408 AT 17:26 EST ON MAR 4	4.87 ON DEC 25	0.020 ON JUL 30	10 800	1979
1980	10.8 AT 20:51 EST ON APR 14	5.53 ON MAR 21	0.0148 ON FEB 3	11 100	1980
1981	6.16 AT 16:00 EST ON FEB 23	4.46 ON FEB 23	0.029 ON JUL 27	7 870	1981
1982	13.4 AT 03:53 EST ON MAR 31	11.2 ON MAR 31 *	0.023 ON SEP 11	14 200	1982
1983	6.88 AT 10:23 EST ON FEB 3	4.87 ON FEB 3	0.014 ON JUL 30	8 330	1983
1984	---	9.008 ON FEB 14	0.018 ON AUG 10	10 000	1984
1985	---	11.0 B ON FEB 24	0.025 ON AUG 14	13 800	1985
1986	12.5 AT 15:13 EST ON MAR 19	8.908 ON MAR 19	0.020 ON JUL 14	13 600	1986
1987	12.3 AT 19:52 EST ON MAR 7	7.83 ON APR 5	0.023 ON JUL 5	9 280	1987
1988	---	3.508 ON MAR 6	0.008 ON JUL 31	8 080	1988
				9 880	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEGUIN RIVER NEAR PARRY SOUND - STATION NO. 02EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.71	5.13	11.8	24.3	18.4	---	1915
1916	14.6	28.5	10.7	87.1	62.3	18.2	7.70	5.01	7.71	10.5	28.8	19.5	23.2	1916
1917	8.38	1.83	4.08	84.1	21.0	15.8	14.5	4.88	3.48	---	---	---	---	1917
MEAN	11.5	15.2	7.39	75.6	41.7	17.5	11.1	5.20	5.43	11.2	26.5	19.0	23.2	MEAN

LOCATION - LAT 45 24 10 N, LONG 79 54 25 W. DRAINAGE AREA, 984 km², REGULATED. DATA CONTRIBUTED BY - ONTARIO HYDRO

SEGUIN RIVER NEAR PARRY SOUND - STATION NO. 02EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	133 ON MAY 3 *	3.82 ON JAN 14 *	738 000	1916
1917	---	103 ON APR 6	---	---	1917
				738 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 02PB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	39.4	38.1	38.8	46.0	122	110	83.3	42.2	36.2	37.2	36.8	---	1983
1984	38.8	38.1	38.8	48.7	87.5	121	128	68.2	83.6	78.4	73.7	62.8	72.4	1984
1985	38.4	41.8	51.7	54.7	70.0	87.2	44.0	36.1	53.1	88.8	77.4	64.7	58.3	1985
1986	41.7	37.8	82.0	76.0	104	120	40.1	38.8	36.1	29.9	18.3	31.3	53.0	1986
1987	28.4	31.3	33.8	48.8	44.8	47.8	34.2	38.3	27.0	20.8	33.7	40.8	35.7	1987
1988	40.8	33.8	41.4	41.4	88.0	128	130	80.6	34.8	47.7	82.8	41.0	58.3	1988
1989	40.7	80.6	88.8	72.8	72.4	81.7	80.3	87.7	31.3	41.4	38.8	39.0	63.8	1989
1970	38.1	40.8	28.3	38.7	83.8	187	88.8	32.4	37.8	47.7	82.8	88.8	87.7	1970
1971	48.1	88.8	88.3	81.0	48.8	108	80.8	28.3	34.4	80.8	104	88.8	88.0	1971
1972	42.8	48.8	40.3	81.3	42.1	83.0	82.7	82.8	37.8	38.2	37.8	37.8	44.3	1972
1973	33.3	27.8	24.4	21.8	18.2	13.2	33.8	81.8	48.3	88.2	41.8	44.4	34.3	1973
1974	38.4	40.8	41.0	84.1	73.0	138	83.7	40.4	40.8	48.4	41.2	40.8	84.7	1974
1975	40.2	40.8	37.7	38.7	38.4	37.3	33.8	43.8	38.8	8.88	16.8	20.0	32.0	1975
1976	18.8	18.8	34.8	80.8	48.3	38.1	20.0	18.8	18.4	20.1	34.8	28.4	28.0	1976
1977	18.4	18.4	32.8	33.8	8.81	11.2	34.8	27.1	88.7	118	77.3	88.2	43.8	1977
1978	41.4	41.7	48.8	48.1	28.8	83.7	87.8	42.8	80.0	42.8	40.0	42.0	48.8	1978
1979	44.4	41.8	41.8	88.8	88.8	72.1	38.8	23.8	18.8	8.88	34.4	38.4	38.4	1979
1980	38.3	41.7	40.1	41.2	12.3	10.3	28.8	27.3	18.7	48.0	42.0	28.8	32.7	1980
1981	38.8	28.8	25.3	38.0	30.4	88.0	82.8	24.8	10.4	18.1	27.8	18.7	31.7	1981
1982	28.8	27.3	24.8	33.8	48.2	44.8	74.2	81.8	28.3	71.3	88.8	48.4	48.8	1982
1983	40.8	40.2	42.8	37.0	10.4	88.4	84.8	48.3	28.2	30.0	28.8	40.8	41.3	1983
1984	38.8	40.0	28.8	37.3	48.3	70.8	48.2	27.7	22.8	22.2	23.8	27.1	37.0	1984
1985	37.4	40.8	38.2	48.4	88.8	87.8	84.2	48.4	88.8	148	82.2	80.0	88.3	1985
1986	38.4	41.4	40.4	88.8	118	47.0	41.7	31.7	30.8	22.1	28.1	38.7	44.4	1986
1987	30.8	33.0	28.8	7.83	2.16	---	---	40.7	---	12.8	32.3	33.0	---	1987
1988	20.8	22.7	21.4	24.3	---	---	---	---	134	44.8	34.1	41.8	---	1988
MEAN	38.0	37.3	38.0	44.8	51.3	76.4	58.7	41.3	42.2	45.2	44.8	41.1	48.8	MEAN

LOCATION - LAT 48 44 40 N
LONG 82 17 08 W

DRAINAGE AREA, 5 880 km²
REGULATED SINCE 1958

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 02PB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	187 ON JUL 15	12.3 ON JAN 1	2 290 000	1984
1985	---	188 ON MAY 28	10.8 ON JAN 17	1 788 000	1985
1986	---	183 ON MAY 30	0 ON JAN 1 *	1 870 000	1986
1987	---	81.8 ON APR 20	0 ON JAN 1	1 138 000	1987
1988	---	180 ON JUN 26	7.48 ON SEP 29	1 848 000	1988
1989	---	128 ON JUN 3	0 ON SEP 31	1 700 000	1989
1970	---	218 ON JUN 11 *	2.88 ON SEP 27	1 820 000	1970
1971	---	138 ON NOV 19	0 ON AUG 22	1 880 000	1971
1972	---	82.0 ON JUL 26	13.0 ON SEP 22	1 400 000	1972
1973	---	76.0 ON AUG 19	0 ON JUN 10	1 080 000	1973
1974	---	173 ON JUN 8	19.0 ON AUG 10	1 720 000	1974
1975	---	80.8 ON JUN 22	0 ON MAY 27	1 010 000	1975
1976	---	77.3 ON APR 18	0 ON SEP 8	888 000	1976
1977	---	158 ON SEP 21	0 ON MAY 1	1 380 000	1977
1978	---	131 ON JUN 18	18.3 ON MAY 27	1 830 000	1978
1979	---	118 ON APR 27	0 ON OCT 8	1 240 000	1979
1980	---	88.1 ON OCT 4	0 ON MAY 8	1 030 000	1980
1981	---	82.8 ON JUN 23	0 ON AUG 30	888 000	1981
1982	---	118 ON JUL 27	0 ON SEP 8	1 440 000	1982
1983	---	148 ON JUN 28	0 ON MAY 8	1 300 000	1983
1984	---	84.7 ON JUN 27	15.8 ON NOV 8	1 170 000	1984
1985	---	193 ON OCT 11	19.8 ON APR 8	2 080 000	1985
1986	---	154 ON MAY 21	0 ON AUG 31	1 400 000	1986
1987	---	---	0 ON MAY 8	---	1987
1988	---	182 ON SEP 21	0 ON APR 25	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 470 000	MEAN

SEINE RIVER NEAR LA SEINE - STATION NO. 02PB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	40.8	33.8	27.0	---	1914
1915	19.8	18.3	14.0	17.7	---	---	---	---	---	40.8	---	---	---	1915
1916	---	---	---	---	107	188	88.8	80.8	48.3	47.8	34.7	21.8	---	1916
1917	17.8	11.0	8.38	13.2	32.3	81.8	44.8	34.0	28.0	---	---	---	---	1917
1920	---	---	---	---	---	---	---	---	---	23.3	22.8	22.4	---	1920
1921	21.8	18.8	18.8	51.3	87.7	82.2	48.4	32.7	32.8	24.8	29.8	24.8	42.2	1921
1922	23.8	21.8	19.0	43.8	88.8	74.8	52.7	36.4	28.8	20.8	18.8	18.4	38.3	1922
1923	18.7	20.8	18.8	38.3	84.4	48.2	34.3	28.0	30.7	21.1	17.0	18.2	32.8	1923
1924	18.3	13.8	12.0	27.0	82.1	48.7	32.1	23.2	21.8	24.8	33.0	28.8	28.3	1924
1925	28.8	24.2	22.8	43.7	87.8	84.8	88.0	28.8	18.0	17.7	11.3	10.3	31.8	1925
1926	12.3	13.2	13.8	17.1	34.8	48.8	83.7	82.7	81.7	---	---	---	---	1926
MEAN	18.8	17.8	18.0	31.8	81.4	78.8	88.2	38.2	32.4	31.3	28.3	21.1	34.8	MEAN

LOCATION - LAT 48 48 00 N
LONG 82 12 00 W

DRAINAGE AREA, 5 800 km²
NATURAL FLOW

SEINE RIVER NEAR LA SEINE - STATION NO. 05PB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	---	---	---	
1916	---	---	---	---	1915
1917	---	250 ON JUN 1 *	---	---	1916
		70.2 ON JUN 8	---	---	1917
1920	---	---	---	---	
1921	---	---	---	---	1920
1922	---	109 ON MAY 18	18.8 B ON FEB 16	1 230 000	1921
1923	---	116 ON MAY 21	17.4 B ON NOV 26	1 210 000	1922
1924	---	84.9 ON MAY 21	18.9 B ON DEC 17	1 020 000	1923
		81.7 ON MAY 21	11.6 B ON MAR 22	884 000	1924
1925	---	83.5 ON JUN 27	8.808 ON DEC 2 *	981 000	1925
1926	---	98.0 ON JUL 11	11.0 B ON JAN 2	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 080 000	MEAN

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	1.15	4.30	3.39	---	1967
1968	---	---	---	8.16	3.41	3.83	2.46	1.84	4.73	3.80	2.78	---	---	1968
1969	---	---	---	6.89	5.13	4.65	3.85	1.88	---	---	---	3.00	---	1969
1970	---	---	2.95	4.81	5.62	6.36	1.74	1.59	3.00	4.49	5.36	---	---	1970
1971	---	---	---	---	---	3.03	0.888	---	---	---	---	3.13	---	1971
1972	---	---	---	---	9.65	1.39	1.08	---	---	---	1.88	1.78	---	1972
1973	2.32	2.18	4.63	5.44	5.22	2.24	2.45	4.18	1.47	1.18	1.32	1.88	2.88	1973
1974	1.88	1.57	1.86	7.84	4.81	2.83	1.57	0.472	0.878	0.810	3.21	2.28	2.44	1974
1975	---	---	---	---	---	5.67	---	0.726	0.885	---	---	---	---	1975
1976	---	---	---	---	---	1.84	0.814	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	1.08	4.07	3.80	3.84	1977
1978	2.18	1.53	1.88	3.26	4.82	2.70	1.76	1.41	2.07	5.86	2.48	2.22	2.88	1978
1979	1.78	1.84	5.22	10.7	8.04	2.48	3.38	1.28	1.40	3.84	5.25	4.18	4.07	1979
1980	2.88	2.28	1.34	7.38	4.01	1.88	1.44	1.28	1.24	1.83	1.31	0.787	2.30	1980
1981	0.812	2.18	3.82	8.44	2.23	3.42	2.08	0.878	0.783	0.782	0.735	0.834	2.21	1981
1982	1.24	1.78	2.12	6.84	8.24	1.87	1.47	0.881	1.47	5.87	4.78	5.73	3.45	1982
1983	4.83	3.03	3.62	7.83	6.08	4.88	0.887	0.857	0.882	2.49	2.80	3.22	3.38	1983
1984	1.82	1.88	2.21	5.03	2.88	2.17	1.83	0.808	2.24	2.88	5.15	5.18	2.88	1984
1985	2.75	2.08	3.08	9.18	8.78	2.04	1.85	1.88	1.21	1.84	3.83	2.15	3.18	1985
1986	1.38	1.34	2.28	8.85	3.18	2.08	1.38	2.08	2.08	3.14	1.83	1.32	2.40	1986
1987	1.80	1.48	2.80	3.88	2.18	1.77	0.970	0.318	0.410	0.721	0.844	1.84	1.88	1987
1988	1.78	1.83	2.27	12.2	4.48	1.13	0.808	1.81	1.82	3.78	10.3	8.74	3.80	1988
MEAN	2.10	1.81	2.87	7.18	4.88	3.04	1.88	1.37	1.88	2.81	3.88	2.81	2.87	MEAN

LOCATION - LAT 48 31 00 N, LONG 82 37 00 W. DRAINAGE AREA, 157 km^2. NATURAL FLOW

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	
1968	---	10.7 ON APR 8	1.07 ON AUG 14	---	1967
1969	---	11.5 ON APR 17	---	---	1968
					1969
1970	28.6 AT 11:30 EST ON JUN 2 *	27.8 ON JUN 2 *	0.900 ON JUL 13	---	1970
1971	---	5.888 ON DEC 16	---	---	1971
1972	---	---	---	---	1972
1973	9.97 AT 05:59 EST ON MAY 4	9.71 ON MAY 4	0.722 ON SEP 18	80 300	1973
1974	16.0 AT 01:15 EST ON APR 24	15.5 ON APR 24	0.238 ON AUG 18 *	77 100	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	13.4 AT 12:13 EST ON OCT 8	13.3 ON OCT 8	1.18 ON AUG 22	84 800	1978
1979	17.2 AT 21:16 EST ON APR 28	16.9 ON APR 28	0.814 ON JUL 24	139 000	1979
1980	12.2 AT 11:34 EST ON APR 13	12.1 ON APR 13	0.8808 ON DEC 28	72 800	1980
1981	15.2 AT 16:48 EST ON APR 6	14.8 ON APR 6	0.448 ON SEP 26	88 800	1981
1982	12.1 AT 10:52 EST ON APR 27	12.0 ON APR 27	0.538 ON AUG 6	108 000	1982
1983	18.1 AT 22:46 EST ON APR 15	17.7 ON APR 15	0.482 ON AUG 11	107 000	1983
1984	12.3 AT 23:07 EST ON NOV 2	11.8 ON NOV 3	0.833 ON AUG 16	81 400	1984
1985	19.2 AT 08:30 EST ON APR 25	18.9 ON APR 25	1.01 ON SEP 21	100 000	1985
1986	8.38 AT 17:09 EST ON APR 8	8.18 ON APR 9	0.772 ON JUL 12	78 700	1986
1987	---	5.208 ON APR 12	0.288 ON AUG 4	48 800	1987
1988	---	20.0 ON APR 8	0.384 ON AUG 1	124 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		89 700	MEAN

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	4.75	16.8	36.8	55.5	---	1966
1967	23.0	15.6	12.6	62.6	78.6	21.1	8.50	5.44	3.63	5.38	32.0	28.5	26.6	1967
1968	21.3	12.8	12.6	63.6	34.0	16.4	13.1	11.3	28.6	25.1	16.4	22.6	22.7	1968
1969	20.9	20.3	14.6	56.4	44.3	22.1	16.2	11.0	4.02	12.6	36.1	23.3	23.8	1969
1970	12.1	6.63	6.08	36.6	62.5	71.2	16.6	5.62	11.6	30.7	43.5	44.1	28.4	1970
1971	18.3	12.6	16.6	66.6	66.4	23.3	8.18	4.64	3.06	3.01	6.32	28.1	20.1	1971
1972	16.6	13.6	13.6	63.4	66.2	17.1	6.66	4.66	13.1	21.4	16.6	13.1	23.6	1972
1973	16.4	16.6	32.6	36.6	41.2	21.4	11.6	17.1	10.3	6.77	7.26	16.2	19.6	1973
1974	14.3	12.6	10.3	66.2	44.6	20.6	10.6	4.26	1.60	3.02	16.7	16.6	17.6	1974
1976	16.3	14.6	11.4	36.0	63.6	26.2	16.3	4.60	2.14	1.26	6.01	23.6	19.0	1976
1976	13.2	6.66	12.4	76.2	36.1	13.1	6.22	1.74	0.646	0.616	0.762	2.27	14.6	1976
1977	2.26	2.60	16.6	66.3	23.6	6.66	3.02	1.60	1.27	16.0	61.6	36.6	20.6	1977
1976	17.3	6.24	6.66	37.6	61.0	16.1	7.06	4.66	6.46	33.6	23.3	16.6	16.7	1976
1979	14.4	6.63	42.3	66.3	66.2	26.6	20.1	16.7	6.16	17.6	44.6	36.0	33.1	1979
1960	26.1	14.6	10.3	64.6	34.3	14.0	7.47	4.66	6.22	12.3	16.3	11.7	17.7	1960
1961	6.62	6.24	26.6	72.6	22.6	13.1	12.6	6.16	3.10	6.17	10.4	10.6	16.4	1961
1962	6.66	7.66	13.2	66.6	61.4	16.7	6.67	3.41	14.2	33.6	37.6	44.1	24.7	1962
1963	34.6	16.4	26.4	61.4	43.1	36.6	6.74	3.17	1.60	10.6	16.6	16.6	23.6	1963
1964	13.3	13.1	16.6	41.3	21.6	16.7	6.66	4.66	12.2	16.6	46.6	36.6	20.6	1964
1966	24.2	13.1	20.4	74.3	61.6	16.6	7.16	6.27	4.60	6.61	26.1	21.6	22.6	1966
1966	11.6	7.66	13.0	63.6	21.1	14.4	7.16	10.7	6.61	16.7	16.1	13.6	16.1	1966
1967	6.66	6.66	11.1	26.1	12.0	6.66	6.26	2.62	1.40	1.66	4.66	16.2	6.06	1967
1966	14.6	13.1	14.4	64.2	26.6	12.0	3.66	2.33	2.36	16.3	70.6	46.6	26.7	1966
MEAN	16.3	12.0	16.4	66.4	44.1	20.6	6.74	6.16	6.66	14.1	26.2	26.6	21.2	MEAN

LOCATION - LAT 46 12 47 N DRAINAGE AREA, 1 360 km²
LONG 62 30 33 W NATURAL FLOW

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	162 AT 04:00 EST ON MAY 4 *	160 ON MAY 4	2.97 ON SEP 26	636 000	1967
1966	---	62.6 ON APR 6	7.63 ON AUG 16	716 000	1966
1969	63.3 AT 20:00 EST ON APR 17	62.4 ON APR 17	3.00 ON OCT 6	760 000	1969
1970	132 AT 10:34 EST ON JUN 3	132 ON JUN 3	3.77 ON SEP 2	664 000	1970
1971	67.7 AT 20:66 EST ON APR 23	67.4 ON APR 24	2.61 ON SEP 27	636 000	1971
1972	144 AT 20:33 EST ON MAY 4	143 ON MAY 4	2.03 ON AUG 21	747 000	1972
1973	66.2 AT 16:02 EST ON APR 4	66.6 ON APR 6	6.41 ON NOV 20	624 000	1973
1974	102 AT 11:24 EST ON APR 16	102 ON APR 16	0.967 ON SEP 9	666 000	1974
1976	106 AT 22:36 EST ON MAY 2	106 ON MAY 2	1.02 ON OCT 10	666 000	1976
1976	66.7 AT 06:34 EST ON APR 16	66.4 ON APR 16	0.272 ON OCT 26 *	467 000	1976
1977	66.6 AT 21:20 EST ON NOV 11	67.6 ON NOV 11	0.672 ON SEP 16	647 000	1977
1976	66.6 AT 16:41 EST ON MAY 16	66.2 ON MAY 16	3.67 ON AUG 27	661 000	1976
1976	126 AT 17:26 EST ON APR 26	126 ON APR 26	6.46 ON OCT 10	1 046 000	1976
1960	61.4 AT 16:66 EST ON APR 11	60.6 ON APR 11	3.72 ON SEP 12	666 000	1960
1961	116 AT 16:66 EST ON APR 6	116 ON APR 6	2.16 ON SEP 26	617 000	1961
1962	66.3 AT 23:27 EST ON APR 27	66.6 ON APR 27	2.63 ON AUG 21	776 000	1962
1963	124 AT 16 30 EST ON APR 16	122 ON APR 17	1.46 ON SEP 16	742 000	1963
1964	66.6 AT 02 30 EST ON NOV 3	63.6 ON NOV 3	3.61 ON AUG 27	660 000	1964
1966	136 AT 06 23 EST ON APR 26	136 ON APR 26	3.64 ON SEP 26	721 000	1966
1966	73.6 AT 17:26 EST ON APR 6	73.4 ON APR 6	6.66 ON JUL 27	606 000	1966
1967	36.6 AT 16:66 EST ON APR 7	26.2 ON APR 6	0.646 ON OCT 16	266 000	1967
1966	---	164 ON APR 6 *	1.76 ON SEP 11	644 000	1966
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		670 000	MEAN

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.343	3.39	3.38	2.66	---	1977
1976	1.26	0.606	1.11	1.26	2.66	1.74	1.11	0.777	0.762	3.76	1.31	1.36	1.60	1976
1979	1.32	0.676	3.33	7.66	6.13	1.46	2.60	0.661	0.660	1.76	3.16	2.67	2.71	1979
1960	2.06	1.36	0.636	4.66	2.63	0.666	0.766	0.636	0.466	0.406	0.267	0.060	1.27	1960
1961	0.661	0.776	2.10	6.46	1.16	2.16	1.26	0.603	0.263	0.042	0.046	0.016	1.16	1961
1962	0.406	1.16	2.06	3.66	6.16	1.22	0.763	0.461	0.340	3.63	2.63	3.71	2.04	1962
1963	3.30	1.66	1.66	6.06	3.66	3.17	0.467	0.066	0.017	1.16	2.16	2.66	2.17	1963
1964	1.66	1.67	1.60	2.72	1.66	1.46	1.06	0.272	0.663	1.47	3.63	3.14	1.76	1964
1966	1.61	1.66	1.67	6.61	6.67	1.22	1.16	0.626	0.613	0.616	2.16	1.62	1.66	1966
1966	0.666	0.636	1.12	6.16	2.11	1.23	1.06	1.36	1.16	1.66	0.636	0.607	1.36	1966
1967	0.763	0.630	0.671	1.31	1.12	1.02	0.671	0.616	0.066	0.036	0.066	0.674	0.602	1967
1966	0.661	1.11	1.36	7.06	2.67	0.416	0.026	0.647	0.646	1.63	6.06	4.26	2.26	1966
MEAN	1.26	1.16	1.63	4.41	3.06	1.46	0.976	0.660	0.617	1.66	2.16	1.66	1.76	MEAN

LOCATION - LAT 46 26 06 N DRAINAGE AREA, 106 km²
LONG 62 36 33 W REGULATED

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---		
1978	10.2 AT 21:35 EST ON OCT 6	9.88 ON OCT 7	0 E ON AUG 14 *	---	1977
1979	14.3 AT 01:40 EST ON APR 28 *	14.2 ON APR 28 *	0.488 ON SEP 1	47 400	1978
			0.240E ON JUN 9	85 400	1979
1980	9.59 AT 19:33 EST ON APR 12	9.24 ON APR 13	0.074E ON DEC 31	40 000	1980
1981	8.46 AT 13:50 EST ON APR 6	8.47 ON APR 6	0.014 ON OCT 10	38 500	1981
1982	7.71 AT 02:58 EST ON MAY 3	7.58 ON MAY 3	0.041 ON JAN 1	84 500	1982
1983	12.1 AT 15:36 EST ON APR 19	11.2 ON APR 20	0 ON SEP 30	88 300	1983
1984	9.73 AT 12:19 EST ON NOV 2	8.81 ON NOV 2	0.072E ON AUG 24	55 800	1984
1985	10.5 AT 17:35 EST ON APR 26	10.5 ON APR 26	0.052 ON SEP 25	58 300	1985
1986	---	8.26A ON APR 10	0.248 ON NOV 14	44 000	1986
1987	1.77 AT 08:54 EST ON APR 15	1.70 ON APR 12	0.002E ON AUG 4	18 000	1987
1988	---	8.78 ON APR 9	0.022E ON JUL 20	71 900	1988
				53 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	2.53	5.89	---	---	1967
1968	---	---	---	---	15.7	9.70	7.38	5.19	7.49	8.81	7.67	---	---	1968
1969	---	---	---	14.3	16.9	11.4	11.0	6.58	---	---	---	---	---	1969
1970	---	---	---	---	18.3	28.4	9.78	4.87	5.58	12.1	14.2	16.7	---	1970
1971	---	---	---	---	---	11.2	5.58	3.02	2.00	1.43	1.31	---	---	1971
1972	---	---	---	---	---	9.08	3.30	2.61	7.11	5.63	5.47	5.34	---	1972
1973	---	---	---	---	---	---	6.80	7.10	5.36	2.82	1.75	---	---	1973
1974	---	---	---	---	---	---	---	---	0.980	0.418	4.88	5.68	---	1974
1977	---	---	---	---	---	---	---	---	0.885	7.59	20.4	16.7	---	1977
1978	8.48	5.33	3.78	7.14	21.6	11.7	5.27	3.02	2.91	14.7	10.5	7.87	8.85	1978
1979	6.18	4.82	12.4	36.6	36.9	13.7	11.6	7.26	4.67	6.67	20.1	16.3	14.6	1979
1980	12.2	8.56	8.48	18.1	20.4	8.43	4.98	3.08	2.88	3.06	4.20	4.08	7.82	1980
1981	3.26	3.61	8.80	27.8	14.0	8.80	7.22	2.98	1.98	2.26	2.58	2.87	7.02	1981
1982	3.83	3.33	4.37	16.0	29.0	9.30	4.14	2.18	3.88	11.2	17.7	16.6	10.5	1982
1983	17.0	9.84	10.2	24.6	22.5	10.5	6.13	2.09	1.04	3.10	6.23	6.86	10.8	1983
1984	7.57	6.42	8.74	16.3	13.9	8.46	5.84	3.79	4.19	8.43	17.2	17.2	9.38	1984
1985	13.2	7.70	7.80	22.4	30.7	11.1	5.44	4.38	3.83	3.84	8.82	10.7	10.8	1985
1986	8.84	4.85	5.33	19.6	14.2	8.14	4.90	4.77	4.38	6.71	7.43	5.47	7.70	1986
1987	4.40	3.88	4.44	10.1	7.43	5.85	4.18	1.78	0.714	0.885	1.18	3.86	4.04	1987
1988	5.77	5.47	4.89	32.2	19.8	8.08	2.87	2.13	2.11	8.81	28.1	24.1	11.8	1988
MEAN	8.18	5.80	8.57	20.4	20.2	11.4	8.25	3.83	3.43	5.81	9.89	11.1	9.41	MEAN

LOCATION - LAT 48 22 28 N LONG 83 26 18 W DRAINAGE AREA, 887 km^2 REGULATED

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	41.6 AT 02:00 EST ON JUN 6	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1977	---	---	---	---	1977
1978	27.2 AT 19:23 EST ON MAY 15	26.9 ON MAY 15	1.84 ON SEP 13	273 000	1978
1979	54.8 AT 03:56 EST ON MAY 1 *	53.7 ON MAY 1 *	3.48 ON OCT 10	487 000	1979
1980	28.1 AT 10:50 EST ON MAY 1	27.9 ON APR 30	2.12 ON SEP 12	280 000	1980
1981	34.3 AT 15:15 EST ON APR 14	33.7 ON APR 15	1.22 ON SEP 30	221 000	1981
1982	38.4 AT 08:23 EST ON MAY 7	36.3 ON MAY 7	1.89 ON AUG 16	332 000	1982
1983	34.8 AT 00:00 EST ON APR 19	34.6 ON APR 19	0.755 ON SEP 15	343 000	1983
1984	19.3 AT 12:32 EST ON NOV 2	19.2 ON APR 21	3.01 ON AUG 26	286 000	1984
1985	44.6 AT 22:26 EST ON APR 26	44.5 ON APR 26	3.88 ON SEP 29	341 000	1985
1986	23.2 AT 08:26 EST ON APR 21	22.9 ON APR 21	4.02 ON JUL 27	243 000	1986
1987	11.2 AT 01:16 EST ON APR 16	11.0 ON APR 16	0.352E ON OCT 15 *	127 000	1987
1988	---	43.1 ON APR 16	1.56 ON SEP 11	373 000	1988
				297 000	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	---	5.86	12.3	6.72	---	1977
1978	4.38	2.64	2.21	3.80	12.0	6.14	2.78	1.80	2.51	9.49	4.86	2.94	4.64	1978
1979	3.40	2.78	7.21	20.0	18.7	5.20	5.66	2.60	2.02	3.78	10.1	6.80	7.52	1979
1980	5.31	4.00	2.69	11.5	10.1	3.80	2.28	1.32	1.22	1.42	2.05	1.47	3.80	1980
1981	1.18	1.41	4.35	16.4	5.87	5.08	4.31	1.36	0.671	0.242	0.578	1.18	3.67	1981
1982	1.78	1.78	3.16	10.1	15.5	3.77	1.66	1.33	1.94	8.03	8.76	9.49	5.85	1982
1983	6.56	4.81	4.81	14.0	11.6	10.6	2.37	0.664	0.559	2.26	3.66	5.03	5.76	1983
1984	3.24	2.82	3.17	6.83	6.82	3.76	2.76	1.36	1.69	2.83	9.60	6.91	4.66	1984
1985	5.70	3.94	4.20	12.8	18.4	4.21	2.61	2.21	1.42	1.61	4.78	4.97	5.40	1985
1986	2.64	1.98	2.44	12.1	6.82	4.21	2.16	2.61	2.46	4.06	3.56	2.20	3.64	1986
1987	1.65	1.62	2.16	6.84	3.62	3.24	1.70	0.748	0.288	0.184	0.304	1.64	1.95	1987
1988	3.30	2.58	3.17	20.4	10.2	3.56	1.06	1.09	1.10	3.51	16.4	12.3	5.56	1988
MEAN	3.76	2.76	3.69	12.3	10.7	4.76	2.70	1.67	1.46	3.64	6.41	5.72	4.67	MEAN

LOCATION - LAT 48 29 11 N LONG 82 28 52 W
DRAINAGE AREA, 318 km²
REGULATED

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	17.7 AT 11:10 EST ON MAY 19	17.1 ON MAY 19	1.48 ON AUG 27	148 000	1978
1979	30.3 AT 06:26 EST ON MAY 1 *	28.8 ON MAY 1 *	1.68 ON SEP 26	237 000	1979
1980	17.6 AT 15:17 EST ON APR 21	17.4 ON APR 22	1.03 ON SEP 13	123 000	1980
1981	22.3 AT 12:26 EST ON APR 11	22.1 ON APR 11	0.988 ON OCT 13 *	112 000	1981
1982	22.9 AT 11:53 EST ON MAY 4	22.5 ON MAY 4	0.952 ON AUG 10	176 000	1982
1983	24.6 AT 17:47 EST ON APR 20	24.6 ON APR 20	0.416 ON SEP 16	182 000	1983
1984	12.8 AT 03:02 EST ON NOV 10	12.8 ON NOV 10	0.986 ON SEP 7	148 000	1984
1985	29.1 AT 16:04 EST ON APR 29	28.6 ON APR 29	1.04 ON OCT 3	170 000	1985
1986	---	15.1 E ON APR 15	1.67 ON MAR 8	124 000	1986
1987	6.36 AT 19:57 EST ON APR 12	6.34 ON APR 15	0.123 ON OCT 15	61 800	1987
1988	---	27.6 ON APR 14	0.787 ON AUG 4	208 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		164 000	MEAN

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	78.5	68.0	85.1	117	86.8	41.7	---	---	---	---	---	---	---	1978
MEAN	78.5	68.0	85.1	117	86.8	41.7	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 44 48 26 N LONG 79 17 40 W
DRAINAGE AREA, 5 310 km²
REGULATED

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	180 AT 00:01 EST ON APR 15 *	158 ON APR 14 *	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	4.33	4.77	2.22	0.182	0.406	4.94	1.41	1.23	1.12	1.07	0.876	0.890	1.85	1963
1964	0.982	0.864	0.407	0.198	0.124	0.044	0.113	0.036	0	0	4.23	9.17	1.36	1964
1965	0.934	0.429	0.323	5.89	29.1	1.43	0.131	0.128	0.132	0.090	0.2EE	16.6	4.70	1965
1966	16.6	16.6	10.8	0.268	0.132	4.56	7.54	7.46	8.77	3.87	0.541	0.286	6.56	1966
1967	7.54	12.6	12.7	0.373	0.203	12.8	31.6	25.6	13.1	8.06	19.3	20.0	13.7	1967
1968	16.6	16.6	7.77	0.092	1.04	8.80	8.86	9.14	10.2	9.19	8.EE	3.06	8.11	1968
1969	16.0	16.6	8.86	8.84	25.8	1.27	1.16	3.17	8.42	8.48	0.488	0.181	8.08	1969
1970	0.181	0.181	0.181	11.6	8.84	2.61	13.6	24.0	13.3	8.19	12.6	16.0	9.13	1970
1971	16.2	15.6	9.25	13.5	12.5	3.28	4.38	8.41	7.35	11.4	10.4	3.11	8.87	1971
1972	0.403	5.73	16.4	17.0	26.5	19.1	8.27	18.2	13.3	2.26	8.48	17.1	12.7	1972
1973	16.4	14.8	3.25	24.1	14.8	0.758	1.02	1.86	1.83	1.04	2.17	17.3	8.26	1973
1974	14.8	16.2	10.7	23.2	23.8	3.80	3.28	17.8	13.6	3.20	11.1	16.7	13.2	1974
1975	15.3	15.4	16.0	12.7	11.6	0.887	0.825	0.834	0.844	0.721	0.800	0.588	6.47	1975
1976	2.10	16.3	16.3	24.8	30.9	3.26	5.67	12.2	15.0	8.80	0.671	0.665	11.8	1976
1977	2.00	3.40	3.29	2.78	3.26	2.26	4.04	7.46	8.94	11.3	10.4	13.8	8.08	1977
1978	16.9	17.1	15.4	12.8	11.1	4.79	3.89	3.84	4.93	4.14	3.81	3.75	8.81	1978
1979	5.81	16.4	15.6	12.2	26.8	12.7	8.00	8.16	8.48	10.0	7.31	8.73	11.6	1979
1980	16.0	1.81	3.16	26.2	12.9	8.31	8.30	24.8	14.0	3.88	3.46	8.45	11.1	1980
1981	20.0	16.6	8.17	0.233	5.01	8.72	8.47	7.45	16.8	11.8	10.4	13.7	10.8	1981
1982	16.8	16.5	16.6	12.4	1.26	14.8	6.20	6.06	16.8	16.0	8.87	15.7	11.8	1982
1983	22.6	16.4	2.06	16.2	23.7	8.24	4.83	8.43	12.8	8.82	4.80	3.88	11.1	1983
1984	13.8	16.7	16.6	13.2	8.07	14.0	8.87	12.1	16.3	8.31	0.817	0.148	11.1	1984
1985	13.0	19.8	22.0	19.0	11.8	2.94	4.42	10.0	19.8	20.6	16.7	11.8	14.8	1985
1986	16.2	7.76	10.8	2.89	7.61	21.2	16.7	21.4	23.6	27.8	21.2	20.4	16.5	1986
1987	15.6	8.83	12.3	4.46	2.13	1.96	15.7	19.4	8.81	10.1	16.6	19.6	11.4	1987
1988	19.1	17.3	8.76	1.16	1.20	4.09	3.32	5.36	11.1	11.6	15.2	8.76	8.87	1988
MEAN	12.1	12.4	9.77	10.4	11.6	8.35	8.85	9.85	10.4	8.03	7.86	9.63	8.87	MEAN

LOCATION - LAT 44 44 28 N
LONG 79 19 41 W REGULATED

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	9.80 ON JUN 6	0.042 ON MAY 15	81 400	1963
1964	---	13.4 ON NOV 23	0 ON AUG 11 *	43 100	1964
1965	---	36.8 ON MAY 16 *	0.057E ON NOV 1	148 000	1965
1966	---	18.6 ON JAN 1	0.085 ON MAY 24	207 000	1966
1967	---	34.6 ON JUL 2	0.153 ON MAY 24	433 000	1967
1968	---	30.3 ON JAN 1	0.048E ON APR 17	257 000	1968
1969	---	28.4 ON APR 29	0.088 ON NOV 6	284 000	1969
1970	---	28.4 ON JUL 21	0.170 ON JAN 8	288 000	1970
1971	---	27.8 ON APR 14	0.438 ON DEC 13	302 000	1971
1972	---	31.1 ON MAY 16	0.382 ON JAN 13	401 000	1972
1973	---	31.1 ON APR 4	0.530 ON MAR 6	280 000	1973
1974	---	28.4 ON APR 6	0.207E ON MAR 20	415 000	1974
1975	---	28.6 E ON MAY 3	0.258E ON APR 18	264 000	1975
1976	---	33.1 ON APR 8	0.530 ON JAN 19	367 000	1976
1977	---	19.6 ON DEC 23	0.181 ON APR 16	192 000	1977
1978	---	29.7 ON MAY 20	0.331 ON MAY 6	271 000	1978
1979	---	31.1 ON APR 26	0.449E ON DEC 30	382 000	1979
1980	---	30.5 ON APR 15	0.580 ON FEB 6	352 000	1980
1981	---	27.7 ON MAR 10	0.060 ON APR 21	238 000	1981
1982	---	28.0 ON JUN 17	0.195E ON MAY 19	372 000	1982
1983	---	30.8 ON MAY 8	0.150 ON NOV 17	348 000	1983
1984	---	27.2 ON MAY 30	0.100 ON NOV 19	351 000	1984
1985	---	26.4 ON MAY 10	0.150E ON JAN 1	458 000	1985
1986	---	31.5 ON SEP 30	0.405 ON MAR 3	522 000	1986
1987	---	26.6 ON JUL 24	0.406 ON MAR 30	361 000	1987
1988	---	22.3 ON NOV 21	0.416 ON MAY 2	284 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		302 000	MEAN

E - ESTIMATED

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	248	186	132	117	808	2 280	1 540	954	780	1 210	738	413	783	1970
1971	277	217	182	181	1 300	1 110	1 050	1 080	805	802	633	382	828	1971
1972	288	244	213	202	1 780	1 280	885	672	628	705	631	388	808	1972
1973	302	236	203	185	1 780	1 280	1 280	700	733	1 050	813	449	781	1973
1974	468	368	384	288	1 100	2 190	1 090	848	1 080	888	846	485	822	1974
1975	356	268	236	375	2 000	1 820	1 320	1 850	1 410	1 230	988	885	1 040	1975
1976	---	---	---	---	---	---	888	582	585	378	215	186	---	1976
1977	130	114	102	278	648	438	422	617	938	850	685	380	475	1977
1978	285	195	163	153	785	773	958	1 170	1 020	808	638	475	818	1978
1979	376	283	218	237	1 400	1 310	847	883	829	721	885	438	883	1979
1981	288	238	181	188	---	1 110	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 480	1 310	934	887	728	484	---	1982
1983	325	243	188	187	585	1 900	1 320	877	877	808	884	380	872	1983
1984	278	238	175	183	728	841	747	585	809	588	543	400	488	1984
1985	303	236	184	218	1 530	2 530	2 120	1 050	857	1 230	838	550	885	1985
1986	372	279	235	238	1 780	1 100	700	617	888	838	582	387	870	1986
1987	283	284	232	804	884	830	785	870	1 080	587	481	282	583	1987
1988	207	178	187	177	1 550	836	488	380	371	488	351	248	485	1988
MEAN	288	235	188	248	1 280	1 310	1 040	868	824	817	826	418	888	MEAN

LOCATION - LAT 55 22 30 N DRAINAGE AREA, 84 300 km²
LONG 88 19 30 W NATURAL FLOW

REMARKS - DISCHARGES FOR SEP 27-NOV 8 1983 REVISED JUL 1983, AFTER PUBLICATION OF "SURFACE WATER DATA-ONTARIO 1982"

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	2 720E ON JUN 1	112 B ON APR 21	24 700 000	1970
1971	---	2 210E ON MAY 24	159 B ON APR 17	19 800 000	1971
1972	---	2 780E ON MAY 13	158 B ON APR 21	19 300 000	1972
1973	---	2 610E ON MAY 15	181 B ON APR 8	24 700 000	1973
1974	---	2 610E ON JUN 16	262 B ON APR 10	25 900 000	1974
1975	2 440 AT 00:58 EST ON AUG 6	2 430 ON AUG 5	210 B ON APR 20	32 900 000	1975
1976	---	---	141 B ON DEC 31	---	1976
1977	---	1 300 ON AUG 26	88.0B ON MAR 26 *	15 000 000	1977
1978	---	1 480 ON AUG 22	141 B ON APR 20	18 500 000	1978
1979	---	1 870E ON MAY 23	172 B ON APR 13	20 900 000	1979
1981	---	---	---	---	1981
1982	---	2 480 ON JUN 19	---	---	1982
1983	2 180 AT 05:18 EST ON JUN 26	2 180 ON JUN 26	185 B ON APR 5	21 200 000	1983
1984	1 180 AT 13:00 EST ON JUN 11	1 150 ON JUN 10	107 B ON APR 18	15 800 000	1984
1985	4 390 AT 12:05 EST ON JUN 25 *	4 390 ON JUN 25	187 B ON APR 1	31 100 000	1985
1986	---	4 000E ON MAY 14 *	238 B ON MAR 23	21 100 000	1986
1987	---	1 800E ON APR 25	224 B ON APR 5	16 700 000	1987
1988	---	2 800E ON MAY 4	166 B ON MAR 18	14 400 000	1988
				21 700 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	5.12	5.48	7.61	2.88	10.3	14.8	4.30	3.33	4.68	6.13	5.47	0.878	6.80	1963
1964	4.08	0.853	2.06	2.85	1.81	5.81	11.8	10.2	8.77	7.87	5.40	1.76	5.51	1964
1965	1.76	1.34	1.31	10.2	14.7	2.14	1.17	3.55	4.74	2.06	4.17	10.8	4.65	1965
1966	9.34	5.45	7.25	1.87	0.782	7.27	5.60	3.27	2.00	5.13	2.11	1.81	4.84	1966
1967	5.89	5.74	7.32	1.39	1.50	11.2	15.3	10.7	2.12	3.71	10.4	9.73	7.73	1967
1968	5.81	5.00	4.83	4.85	0.522	5.25	5.83	5.65	5.18	3.98	2.58	5.65	5.31	1968
1969	5.06	5.08	3.89	5.35	12.9	0.827	0.607	2.34	1.65	1.00	0.486	0.384	3.58	1969
1970	5.06	5.83	7.11	5.61	5.00	4.73	5.68	2.71	5.15	4.83	5.77	5.14	5.10	1970
1971	7.22	7.87	4.84	4.60	9.71	1.77	5.72	7.18	6.32	5.84	1.48	0.877	5.34	1971
1972	0.837	5.69	5.48	1.92	7.47	4.95	4.61	5.49	5.11	3.63	4.09	5.64	5.27	1972
1973	5.63	5.54	5.45	12.3	10.5	0.253	2.98	2.65	3.10	3.57	2.08	5.90	5.58	1973
1974	2.46	5.93	4.24	13.5	14.0	1.07	7.10	5.95	1.80	1.57	5.25	5.82	5.58	1974
1975	5.42	5.05	5.46	2.87	10.3	2.12	2.15	2.76	2.19	1.72	1.52	0.127	4.26	1975
1976	7.58	5.18	7.87	5.03	13.7	3.21	11.0	5.75	5.36	2.37	1.43	1.38	5.50	1976
1977	2.23	3.34	1.75	4.43	2.40	1.39	1.26	1.12	1.24	4.05	3.58	5.03	2.73	1977
1978	5.58	7.63	5.87	0.188	5.04	5.81	4.46	4.22	1.63	1.35	0.821	0.744	3.80	1978
1979	0.981	7.79	5.07	1.61	7.53	5.02	3.39	2.60	5.65	3.27	3.58	7.16	4.58	1979
1980	10.4	1.76	0.150	15.5	4.08	1.82	2.74	12.1	9.52	5.84	5.39	11.1	7.35	1980
1981	10.4	5.47	12.2	5.27	1.70	1.69	1.69	1.91	5.05	5.26	5.90	5.02	5.53	1981
1982	5.46	7.77	7.41	5.06	1.46	4.56	7.71	5.58	4.46	3.72	0.546	7.12	5.67	1982
1983	11.3	5.53	0.263	5.56	5.81	3.59	1.35	2.35	2.15	1.99	1.95	5.37	4.58	1983
1984	5.15	5.45	5.17	1.01	3.32	4.75	2.60	3.30	5.10	7.30	3.99	2.60	5.02	1984
1985	7.07	7.85	5.42	5.61	4.82	2.15	1.95	3.63	7.04	5.19	5.17	7.30	5.35	1985
1986	7.64	5.30	7.84	1.07	3.05	5.35	5.51	5.85	7.25	10.5	5.31	7.42	5.93	1986
1987	5.58	7.46	5.72	0.217	0.050	1.35	3.32	1.89	1.22	1.03	5.04	7.08	3.59	1987
1988	7.00	7.92	1.81	0.084	0.188	0.853	0.520	1.00	1.44	3.95	4.08	7.42	3.08	1988
MEAN	7.06	7.15	5.73	5.15	5.03	4.29	4.65	4.71	4.58	4.55	5.54	5.73	5.36	MEAN

LOCATION - LAT 44 44 45 N
LONG 79 19 31 W REGULATED

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	17.1 ON MAY 14	0.204 ON MAY 8	208 000	1983
1984	---	14.3 ON JUL 7	0.283E ON DEC 5	174 000	1984
1985	---	17.4 ON APR 21	0.227E ON OCT 18	183 000	1985
1986	---	14.3 ON JUN 17	0.133E ON DEC 17	152 000	1986
1987	---	16.7 ON JUL 2	0.459 ON MAR 30	244 000	1987
1988	---	15.8 ON APR 12	0 ON MAR 20 *	158 000	1988
1989	---	15.9 ON APR 22	0.078 ON JUL 7	122 000	1989
1970	---	15.8 ON MAY 5	0.452 ON MAR 27	193 000	1970
1971	---	15.1 ON MAY 14	0.254 ON NOV 23	158 000	1971
1972	---	15.8 ON MAY 16	0.167 ON OCT 30	187 000	1972
1973	---	15.1 ON APR 2	0.085E ON JUN 16	186 000	1973
1974	---	25.9 ON APR 17	0.173E ON MAR 15	207 000	1974
1975	---	15.8 ON APR 29	0.074E ON DEC 3	135 000	1975
1976	---	15.8 ON JUL 5	0.074E ON JAN 1	206 000	1976
1977	---	9.87 ON DEC 21	0.142E ON MAR 18	86 300	1977
1978	---	14.3 ON MAY 20	0.142E ON MAR 29	123 000	1978
1979	---	13.9 ON MAY 28	0.150E ON MAR 25	153 000	1979
1980	---	27.0 ON APR 17 *	0.150E ON FEB 8	232 000	1980
1981	---	14.9 ON FEB 26	0.050E ON FEB 24	206 000	1981
1982	---	13.9 ON JUN 22	0.200E ON NOV 17	179 000	1982
1983	---	15.4 ON APR 15	0.140E ON MAR 2	148 000	1983
1984	---	13.9 ON MAY 30	0.380 ON APR 21	159 000	1984
1985	---	12.9 ON APR 23	0.150E ON APR 7	200 000	1985
1986	---	14.8 ON MAY 26	0.818 ON JUL 10	218 000	1986
1987	---	8.18E ON NOV 11	0.050E ON MAR 25	113 000	1987
1988	---	8.87 ON FEB 4	0.060E ON APR 4	87 500	1988
				189 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	389	367	---	---	1965
1966	---	---	---	---	---	645	737	446	336	248	---	---	---	1966
1967	87.2	80.0	83.0	---	---	---	636	440	280	174	185	126	---	1967
1968	84.3	82.2	78.3	109	243	588	626	617	578	524	480	328	383	1968
1969	178	136	135	170	478	480	489	681	702	1 100	982	763	515	1969
1970	---	---	---	189	380	438	684	394	304	331	419	382	---	1970
1971	234	127	133	236	625	645	425	316	207	188	278	418	313	1971
1972	275	135	128	181	804	544	341	246	204	250	252	186	278	1972
1973	130	101	107	186	542	495	538	344	280	300	323	261	304	1973
1974	202	182	138	144	343	643	454	535	526	472	360	263	386	1974
1975	186	135	118	144	483	656	489	598	571	485	332	216	386	1975
1976	141	84.4	94.4	168	328	305	232	159	123	102	87.3	83.8	156	1976
1977	63.2	38.7	35.6	78.8	186	187	178	218	232	252	207	166	163	1977
1978	140	118	95.6	81.0	251	308	371	361	363	387	408	276	269	1978
1979	202	183	142	178	469	671	530	378	302	337	329	232	328	1979
1980	181	147	122	137	363	288	188	128	140	201	180	138	180	1980
1981	116	83.5	80.8	88.5	178	357	374	228	182	258	277	199	203	1981
1982	135	120	121	147	511	788	641	468	354	313	245	173	337	1982
1983	145	130	121	134	410	585	671	318	200	157	148	104	261	1983
1984	84.4	78.8	73.0	131	332	343	308	218	142	135	147	135	177	1984
1985	104	89.0	83.3	114	485	691	681	557	482	480	372	235	375	1985
1986	158	122	104	134	574	488	322	288	236	308	283	201	288	1986
1987	168	146	131	280	385	344	238	183	158	184	187	134	206	1987
1988	98.8	83.2	74.2	83.1	205	270	189	140	122	148	140	123	141	1988
MEAN	149	114	105	145	388	486	453	368	305	320	288	233	277	MEAN

LOCATION - LAT 53 29 27 N DRAINAGE AREA, 38 800 km^2
LONG 91 30 55 W NATURAL FLOW

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	974 ON JUN 16	---	---	1966
1967	---	---	---	---	1967
1968	---	897 ON JUL 27	77.9B ON MAR 25	11 500 000	1968
1969	---	1 190E ON OCT 20 *	133 B ON MAR 17	16 200 000	1969
1970	770 AT 17:00 CST ON JUL 8	759 ON JUL 8	---	---	1970
1971	---	680 ON MAY 12	113 B ON FEB 18	9 670 000	1971
1972	722 AT 20:53 CST ON MAY 22	718 ON MAY 22	122 B ON MAR 12	8 800 000	1972
1973	840 AT 00:00 CST ON MAY 24	837E ON MAY 23	99.1B ON FEB 18	8 570 000	1973
1974	897 AT 12:06 CST ON JUN 19	884 ON JUN 19	132 B ON MAR 21	11 200 000	1974
1975	881 AT 10:43 CST ON JUN 27	885 ON JUN 27	113 B ON MAR 5	11 800 000	1975
1976	378 AT 16:00 CST ON MAY 15	371 ON MAY 15	53.8B ON DEC 31	4 980 000	1976
1977	282 AT 15:10 EST ON OCT 24	272 ON OCT 24	33.7B ON MAR 13 *	4 830 000	1977
1978	---	459 ON NOV 12	84.7B ON APR 18	8 480 000	1978
1979	715 AT 05:01 EST ON JUN 7	702 ON JUN 7	134 B ON MAR 16	10 300 000	1979
1980	414 AT 13:00 EST ON MAY 16	405 ON MAY 16	102 ON SEP 2	5 890 000	1980
1981	498 AT 22:17 EST ON JUN 30	493 ON JUL 1	76.0B ON MAR 30	8 410 000	1981
1982	887 AT 15:41 EST ON JUN 15	882 ON JUN 15	115 B ON MAR 9	10 800 000	1982
1983	691 AT 14:53 EST ON JUN 29	683 ON JUN 28	81.8B ON DEC 31	7 810 000	1983
1984	407 AT 16:48 EST ON MAY 21	378 ON MAY 22	72.1B ON MAR 21	5 810 000	1984
1985	1 020 AT 17:06 EST ON JUL 7 *	1 010 ON JUL 6	81.5B ON APR 14	11 800 000	1985
1986	682 AT 10:41 EST ON MAY 19	675 ON MAY 19	98.0B ON APR 8	8 480 000	1986
1987	---	432E ON MAY 3	110 B ON DEC 31	6 480 000	1987
1988	---	316 ON JUN 6	72.0B ON MAR 30	4 480 000	1988
				8 740 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	55.5	55.0	130	223	118	78.1	45.7	28.5	23.1	16.2	25.4	38.2	70.5	1913
1914	37.0	37.0	28.4	87.4	55.1	30.4	27.5	---	---	---	---	34.1	---	1914
MEAN	47.5	48.0	73.2	155	91.5	53.3	37.3	28.5	23.1	16.2	25.4	36.2	70.5	MEAN

LOCATION - LAT 44 48 35 N
LONG 79 20 05 W
DRAINAGE AREA, 6 390 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	264 ON APR 1 *	7.36 ON OCT 23 *	3 220 000	1913
1914	---	---	---	---	1914
				2 220 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	20.2	27.7	32.8	---	1953
1954	30.4	39.8	108	185	103	57.1	36.8	33.2	38.2	142	108	82.8	78.4	1954
1955	72.4	49.4	72.1	178	82.2	38.3	22.7	24.1	25.2	28.1	82.0	46.3	65.3	1955
1956	38.4	33.8	42.0	120	131	67.7	72.8	38.8	42.8	28.1	30.8	31.8	56.3	1956
1957	27.8	27.8	88.4	85.0	38.8	33.8	101	28.4	32.3	44.5	68.8	77.4	53.4	1957
1958	60.3	41.4	43.4	48.7	22.8	20.2	30.7	18.2	22.1	23.8	23.8	24.7	30.0	1958
1959	22.9	21.8	30.3	148	108	84.8	27.8	21.1	22.8	22.1	39.1	82.1	48.3	1959
1960	43.8	63.2	86.3	228	210	128	63.0	35.8	23.8	18.1	25.8	21.0	78.8	1960
1961	16.8	15.2	38.5	78.0	50.0	36.7	31.7	30.8	40.8	30.8	28.8	37.3	38.5	1961
1962	30.7	30.1	48.0	84.8	30.8	18.7	16.4	13.0	10.1	18.4	30.1	36.8	30.6	1962
1963	26.4	23.8	38.0	81.3	70.5	44.3	18.0	16.2	17.0	18.8	23.0	22.8	33.2	1963
1964	24.1	28.2	43.1	84.8	43.8	23.2	17.8	14.8	16.2	16.2	13.1	37.1	27.8	1964
1965	22.8	23.8	27.1	121	104	22.7	13.8	13.8	17.1	40.7	80.8	84.8	46.1	1965
1966	72.3	84.4	83.7	58.2	34.8	58.8	27.8	17.8	16.8	14.4	38.2	82.8	48.8	1966
1967	51.3	57.8	57.3	104	38.8	91.8	132	88.4	35.8	86.8	124	117	78.1	1967
1968	86.8	108	87.4	80.1	28.4	30.2	26.0	22.8	22.2	18.0	21.2	46.8	48.0	1968
1969	62.0	85.4	85.8	126	186	81.0	34.7	18.1	18.7	17.2	41.1	30.4	58.2	1969
1970	26.8	28.3	31.4	128	77.0	28.8	48.1	36.8	30.0	34.8	83.4	74.2	80.8	1970
1971	47.8	46.4	46.3	160	82.3	22.4	22.8	21.1	18.7	25.2	24.8	36.2	48.1	1971
1972	26.8	36.1	84.7	154	126	81.7	30.7	40.8	34.2	30.8	82.1	72.8	61.0	1972
1973	83.8	78.8	121	146	88.8	42.0	27.2	27.8	17.1	18.7	46.3	76.8	68.3	1973
1974	86.2	88.8	80.8	171	152	36.0	30.8	40.3	28.8	37.8	78.4	83.2	70.8	1974
1975	57.8	53.4	101	134	106	22.8	14.8	14.8	14.8	14.7	18.1	28.0	48.0	1975
1976	38.4	82.7	128	167	72.3	25.7	36.7	34.3	38.8	33.8	34.8	38.1	88.3	1976
1977	30.8	30.4	88.4	78.8	28.3	16.8	15.8	18.3	20.8	48.1	73.3	84.0	44.7	1977
1978	78.1	76.4	88.8	131	80.7	42.0	22.3	18.7	27.8	26.4	27.8	37.8	53.1	1978
1979	42.2	82.8	138	138	108	40.3	22.1	16.7	20.1	38.8	84.4	88.1	84.8	1979
1980	86.1	28.8	88.7	168	83.0	44.1	46.8	78.3	46.3	87.8	84.3	73.1	88.8	1980
1981	87.7	101	108	73.8	86.0	40.7	28.8	28.8	42.8	43.8	48.8	87.8	87.4	1981
1982	82.8	84.1	88.8	188	88.8	88.8	41.8	30.7	37.8	38.4	87.0	131	88.8	1982
1983	128	84.8	86.4	108	146	48.8	18.8	18.8	18.0	18.3	34.8	48.2	81.3	1983
1984	47.8	87.8	108	101	88.1	48.8	28.8	24.4	37.0	38.7	48.0	88.4	88.4	1984
1985	81.8	83.4	138	188 R	73.4	38.7	22.7	25.1	78.1	78.2	103	82.1	81.2R	1985
1986	87.8	83.7	86.3	103	46.8	62.8	37.8	48.3	71.8	150	88.3	78.8	74.4	1986
1987	48.8	36.3	78.3	88.8	26.4	20.0	32.0	28.8	13.8	---	42.8	88.8	---	1987
1988	70.8	81.3	84.1	114	38.4	18.1	11.1	14.0	16.8	24.8	88.2	48.4	48.3	1988
MEAN	52.7	53.1	71.8	123 R	77.8	42.7	34.8	27.8	28.9	37.2	80.3	88.8	88.3R	MEAN

LOCATION - LAT 44 51 28 N, LONG 79 32 30 W DRAINAGE AREA, 5 850 km² REGULATED DATA CONTRIBUTED BY - ORILLIA LIGHT AND POWER R - REVISED SINCE JAN 01 1987

REMARKS - DATA FOR 1983-83 REVISED IN OCT 1983

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	248 ON OCT 18	3.84 ON AUG 21	2 410 000	1954
1955	---	223 ON APR 24	8.89 ON SEP 25	1 740 000	1955
1956	---	201 ON MAY 4	13.8 ON OCT 26	1 840 000	1956
1957	---	197 ON JUL 3	11.0 ON JAN 18	1 880 000	1957
1958	---	97.6 ON JAN 1	4.87 ON SEP 28	945 000	1958
1959	---	207 ON APR 15	4.02 ON SEP 13	1 520 000	1959
1960	---	275 ON APR 15 *	1.87 ON OCT 30	2 480 000	1960
1961	---	111 ON APR 18	0.340 ON FEB 11	1 180 000	1961
1962	---	161 ON MAR 31	0.057 ON SEP 18	983 000	1962
1963	---	173 R ON APR 2	0 ON SEP 1 *	1 050 000	1963
1964	---	85.4R ON APR 17	0 R ON NOV 29	874 000	1964
1965	---	183 R ON APR 17	0.540 ON FEB 7	1 480 000	1965
1966	---	188 ON DEC 10	1.18 ON AUG 1	1 530 000	1966
1967	---	201 R ON JUL 5	7.38 ON OCT 1	2 480 000	1967
1968	---	204 ON APR 1	3.88 ON OCT 27	1 520 000	1968
1969	---	208 R ON MAY 23	0 R ON OCT 26	1 770 000	1969
1970	---	209 R ON APR 26	7.08 ON JUL 4	1 590 000	1970
1971	---	260 R ON APR 20	0 ON AUG 28	1 480 000	1971
1972	---	258 ON APR 22	3.88 ON OCT 21	1 930 000	1972
1973	---	208 ON APR 7	0 R ON SEP 15	2 080 000	1973
1974	---	338 R ON APR 20	5.10 ON SEP 21	2 220 000	1974
1975	---	214 ON APR 25	2.87 ON NOV 1	1 540 000	1975
1976	---	241 R ON MAR 29	5.38 ON JUN 28	1 850 000	1976
1977	---	188 ON MAR 18	0 R ON JUN 18	1 410 000	1977
1978	---	180 R ON APR 15	5.88 R ON AUG 20	1 670 000	1978
1979	---	214 ON MAR 28	8.80 ON JUL 14	2 030 000	1979
1980	---	237 ON APR 15	7.48 ON MAR 1	2 210 000	1980
1981	---	208 R ON FEB 24	17.4 ON JUL 18	1 810 000	1981
1982	---	221 R ON APR 21	18.8 ON JUN 5	2 100 000	1982
1983	---	180 ON MAY 12	5.88 ON OCT 22	1 830 000	1983
1984	---	144 ON F.B 24	8.08 ON OCT 28	1 780 000	1984
1985	---	208 R ON APR 8	14.4 ON JUL 12	2 580 000R	1985
1986	---	187 ON APR 2	18.5 ON JUL 13	2 350 000	1986
1987	---	151 ON APR 2	2.15 ON OCT 16	---	1987
1988	---	185 ON APR 8	1.13 ON JUL 8	1 470 000	1988
				1 780 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	3.83	3.58	3.48	2.74	9.48	10.6	7.88	5.30	5.23	3.75	3.18	3.29	5.27	1963
1964	4.03	4.55	4.77	4.28	3.75	2.62	1.58	2.58	3.88	1.75	1.05	0.285	2.81	1964
1965	0.823	0.624	1.00	1.10	4.63	8.68	7.44	6.12	5.84	5.07	3.98	6.58	4.32	1965
1966	6.35	5.32	5.16	4.78	4.11	4.27	3.61	2.62	1.88	1.58	1.63	2.82	3.86	1966
1967	4.88	5.13	3.62	3.60	3.32	11.2	11.7	8.28	6.20	5.22	5.97	6.61	6.46	1967
1968	5.45	4.10	2.67	5.43	5.57	5.86	5.07	4.18	3.81	2.95	2.82	5.44	4.70	1968
1969	4.58	4.08	2.48	5.78	10.2	8.95	3.85	3.17	2.08	1.33	1.45	1.80	3.84	1969
1970	3.43	3.43	3.42	4.85	8.10	5.35	5.35	4.54	3.80	3.83	4.61	4.82	4.84	1970
1971	4.08	4.10	4.89	8.48	10.2	7.73	7.75	5.86	4.82	3.75	3.38	3.38	5.83	1971
1972	3.02	4.02	4.83	8.38	12.7	11.1	10.8	7.83	5.57	4.61	5.03	4.43	6.83	1972
1973	4.04	4.28	3.85	10.2	10.7	11.0	9.63	6.54	5.80	4.61	5.58	5.34	6.94	1973
1974	5.08	5.86	7.85	10.8	10.8	10.7	10.9	8.48	8.37	5.14	5.80	5.31	7.72	1974
1975	4.85	4.78	5.52	9.78	10.8	10.7	9.11	7.20	5.31	5.03	4.61	3.18	6.81	1975
1976	4.84	4.28	5.53	9.28	11.4	10.8	10.5	8.07	5.75	5.42	5.10	4.81	7.24	1976
1977	4.81	4.24	3.47	7.83	11.1	9.78	8.58	6.01	7.07	5.80	5.86	5.80	6.80	1977
1978	5.35	3.45	2.45	4.48	8.85	10.8	8.33	6.47	4.81	4.00	3.40	3.58	5.52	1978
1979	4.34	4.23	4.81	11.1	11.5	10.0	8.55	6.48	5.26	4.84	5.48	6.17	7.13	1979
1980	6.43	6.22	7.87	11.0	10.7	9.85	9.01	6.36	5.83	5.08	5.21	6.42	7.83	1980
1981	5.75	5.62	5.30	8.63	10.5	10.5	8.71	7.28	5.38	4.85	4.85	5.31	7.33	1981
1982	4.40	3.55	3.37	7.32	10.5	11.1	9.42	7.63	5.85	5.05	5.05	5.57	6.82	1982
1983	7.43	6.21	6.02	10.5	10.4	9.58	7.68	5.18	4.80	3.85	3.55	4.44	6.88	1983
1984	4.48	4.18	5.15	9.26	10.8	10.9	9.16	6.57	5.07	3.78	3.81	4.18	6.43	1984
1985	5.80	4.83	7.01	10.3	10.5	9.77	8.83	6.98	7.04	5.23	4.78	4.68	7.18	1985
1986	3.91	3.88	4.81	8.73	8.04	10.5	8.43	6.84	5.85	7.63	5.15	4.32	6.38	1986
1987	4.01	3.83	4.85	8.67	10.0	9.75	9.84	7.58	5.77	5.04	5.15	5.15	6.72	1987
1988	4.85	4.58	4.58	4.87	8.87	9.08	7.82	6.71	5.83	5.15	5.01	4.35	6.72	1988
MEAN	4.84	4.33	4.75	7.83	8.87	9.20	8.03	6.87	5.36	4.44	4.28	4.81	6.07	MEAN

LOCATION - LAT 44 48 50 N
LONG 79 18 48 W REGULATED

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	13.7 ON MAY 20	1.83 ON NOV 3	166 000	1963
1964	---	5.66 ON APR 6	0 ON NOV 30 *	92 100	1964
1965	---	10.3 ON MAY 21	0.823E ON JAN 1	136 000	1965
1966	---	7.08 ON JAN 3	1.16 ON NOV 15	115 000	1966
1967	---	13.6 ON JUL 2	2.00 ON MAY 25	204 000	1967
1968	---	11.0 ON APR 13	1.15 ON APR 1	148 000	1968
1969	---	11.4 ON APR 26	1.18 ON APR 10	124 000	1969
1970	---	11.0 ON MAY 1	2.12 ON APR 8	146 000	1970
1971	---	11.6 ON APR 26	1.43 ON NOV 22	176 000	1971
1972	---	13.9 ON MAY 15 *	2.76 E ON JAN 1	216 000	1972
1973	---	12.6 ON JUN 8	2.61 ON MAR 8	218 000	1973
1974	---	12.6 ON JUL 3	4.33 ON OCT 2	343 000	1974
1975	---	12.9 ON APR 25	2.00 ON DEC 11	218 000	1975
1976	---	12.6 ON APR 18	1.02 ON APR 3	228 000	1976
1977	---	12.2 ON APR 18	1.07 E ON APR 11	216 000	1977
1978	---	13.3 ON MAY 15	0.874 ON MAY 1	174 000	1978
1979	---	12.9 ON APR 17	3.42 ON MAR 8	223 000	1979
1980	---	13.0 ON APR 15	4.33 ON NOV 12	241 000	1980
1981	---	11.6 ON APR 14	4.26 ON NOV 8	231 000	1981
1982	---	13.0 ON DEC 31	2.75 ON MAR 11	216 000	1982
1983	---	12.9 ON MAY 2	2.03 ON NOV 12	217 000	1983
1984	---	12.0 ON MAY 30	2.86 ON NOV 12	204 000	1984
1985	---	11.6 ON APR 21	4.01 ON NOV 6	226 000	1985
1986	---	11.1 E ON MAY 31	3.89 ON FEB 6	201 000	1986
1987	---	11.4 ON JUN 6	3.60 ON FEB 17	212 000	1987
1988	---	10.5 ON MAY 30	3.60 ON MAR 7	181 000	1988
				192 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	12.1	11.1	11.0	---	1967
1968	10.8	10.5	10.0	10.3	21.0	82.2	77.8	67.0	58.7	81.2	81.1	43.5	41.3	1968
1969	33.8	28.6	19.9	20.4	81.5	84.2	67.5	62.8	107	128	85.8	85.7	62.8	1969
1970	49.8	33.3	18.3	12.9	22.6	30.5	35.8	28.5	18.0	13.3	21.5	27.3	25.7	1970
1971	26.2	20.2	15.7	20.2	82.1	61.0	38.9	35.4	24.8	18.0	17.3	17.8	28.0	1971
1972	16.7	17.7	14.8	14.3	85.8	80.7	32.8	21.2	14.7	17.2	18.2	17.3	26.1	1972
1973	15.8	15.3	13.8	16.5	57.2	53.8	51.8	30.5	18.9	22.4	27.5	28.5	29.3	1973
1974	22.5	20.0	18.8	15.2	43.1	64.3	35.8	25.8	38.4	47.4	34.1	26.4	32.6	1974
1975	20.3	17.8	14.1	13.8	42.1	90.8	62.5	58.0	73.8	47.8	30.5	22.3	42.1	1975
1976	17.0	15.4	13.4	17.3	43.1	34.5	20.7	12.7	7.28	4.40	3.22	3.23	16.0	1976
1977	3.70	4.06	4.34	5.82	16.5	17.0	18.8	22.8	28.1	33.1	28.2	21.4	17.0	1977
1978	18.5	14.3	11.4	11.6	30.3	33.2	33.9	38.3	48.4	45.7	33.8	28.4	26.8	1978
1979	22.5	18.7	15.3	16.9	70.1	87.8	51.8	28.8	30.7	20.7	23.5	24.8	33.3	1979
1980	21.0	17.8	14.7	15.6	32.2	28.8	18.3	13.2	11.4	13.8	13.6	13.4	17.9	1980
1981	13.1	11.6	10.0	8.48	16.6	38.5	48.5	29.0	19.3	31.2	24.8	24.8	22.1	1981
1982	21.1	17.2	15.0	15.7	58.8	78.0	57.8	44.1	31.0	22.1	19.1	18.8	33.8	1982
1983	19.2	17.3	14.8	14.8	41.4	59.8	71.8	39.5	21.7	13.5	10.4	8.50	27.9	1983
1984	8.71	8.85	8.48	10.3	25.8	38.0	33.8	23.1	13.5	10.4	11.3	14.0	17.1	1984
1985	15.5	14.3	11.8	11.4	45.7	84.0	77.5	48.7	44.8	38.3	30.5	24.3	35.0	1985
1986	19.4	18.3	13.5	14.7	48.2	52.5	33.3	26.3	25.1	---	---	---	---	1986
MEAN	19.9	16.7	13.5	14.1	41.8	52.3	46.8	35.8	33.0	31.0	26.5	23.1	29.9	MEAN

LOCATION - LAT 52 40 30 N
LONG 93 59 50 W NATURAL FLOW

REMARKS - STATION DISCONTINUED SEPT 30 1986

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	84.4 AT 12:45 CST ON JUL 14	80.7 ON JUL 14	9.80B ON APR 11	1 310 000	1968
1969	---	144 E ON OCT 12 *	13.9 ON APR 11	1 880 000	1969
1970	---	87.8E ON JAN 1	11.3 E ON APR 24	810 000	1970
1971	88.8 AT 05:05 CST ON MAY 27	87.7 ON MAY 21	13.7 ON APR 13	815 000	1971
1972	82.4 AT 23:35 CST ON MAY 22	81.8 ON MAY 28	13.0 ON APR 6	826 000	1972
1973	87.4 AT 18:34 CST ON MAY 20	87.1 ON MAY 20	12.8 ON APR 4	824 000	1973
1974	71.8 AT 18:05 CST ON JUN 1	71.1 ON JUN 1	13.8 ON APR 18	1 030 000	1974
1975	---	98.3E ON JUN 24	13.1 ON APR 8	1 330 000	1975
1976	49.8 AT 18:37 CST ON MAY 18	48.1 ON MAY 18	2.87 ON DEC 2 *	507 000	1976
1977	34.3 AT 20:35 EST ON OCT 13	34.3 ON OCT 7	3.48 ON JAN 10	537 000	1977
1978	58.1 AT 18:30 EST ON SEP 23	58.2 ON SEP 23	10.8 ON MAR 17	810 000	1978
1979	---	102 E ON MAY 28	13.5 ON APR 12	1 050 000	1979
1980	38.9 AT 03:30 EST ON MAY 27	38.9 ON MAY 28	10.2 E ON SEP 1	668 000	1980
1981	---	64.5E ON JUL 1	6.87 ON MAY 4	895 000	1981
1982	61.8 AT 19:01 EST ON JUN 10	61.3 ON JUN 10	13.8 E ON APR 5	1 060 000	1982
1983	62.0 AT 08:33 EST ON JUL 2	61.5E ON JUL 3	8.14 ON DEC 20	860 000	1983
1984	---	37.6 ON JUN 8	7.81 ON MAR 15	842 000	1984
1985	87.2 AT 08:22 EST ON JUL 8 *	88.3 ON JUL 8	10.2 E ON APR 18	1 100 000	1985
1986	---	66.6E ON MAY 23	11.8 ON MAR 28	---	1986
				943 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	18.2	17.9	14.5	7.09	21.7	32.0	15.3	12.4	12.6	12.2	11.8	8.44	15.1	1983
1984	10.3	7.71	8.54	9.62	8.36	12.3	16.2	15.2	17.2	13.5	17.2	13.0	12.4	1984
1985	5.15	5.22	5.72	22.1	54.7	16.6	12.5	12.6	12.8	9.10	10.4	36.9	17.4	1985
1986	41.1	39.9	33.3	11.6	10.3	24.8	25.7	17.0	16.2	12.1	5.32	8.11	20.1	1986
1987	23.4	31.6	37.0	7.48	8.27	50.3	88.8	64.2	30.2	26.4	46.6	61.4	38.9	1987
1988	59.2	49.6	22.9	18.5	14.8	25.7	26.2	22.8	22.1	19.3	15.6	20.3	26.5	1988
1989	46.5	48.2	22.1	26.1	78.2	29.0	16.1	17.2	16.7	14.7	8.41	7.51	27.6	1989
1970	14.9	14.0	16.3	31.4	26.0	16.5	31.1	34.2	23.9	17.9	26.7	41.4	25.1	1970
1971	30.0	28.2	20.1	26.8	33.6	14.1	20.5	23.5	21.2	26.0	17.7	7.93	22.7	1971
1972	6.92	20.3	52.5	36.0	58.5	36.0	28.7	36.2	31.4	16.6	23.6	46.6	33.2	1972
1973	45.4	41.3	16.8	68.2	50.5	22.5	24.1	22.6	17.7	15.2	15.7	41.0	31.9	1973
1974	31.3	42.6	32.8	56.8	73.2	26.1	26.9	36.6	24.3	11.5	26.7	31.4	35.0	1974
1975	28.1	28.6	52.6	38.5	51.5	17.3	15.0	15.6	13.6	11.1	8.88	4.17	24.0	1975
1976	22.6	49.5	45.2	45.0	57.8	19.7	35.6	36.0	40.3	31.0	21.0	20.6	35.2	1976
1977	22.6	23.6	16.8	16.9	20.4	16.6	17.4	19.8	21.4	40.6	39.1	46.3	25.3	1977
1978	52.2	46.3	41.8	36.5	42.0	31.3	19.6	16.8	25.8	22.4	12.6	10.7	30.0	1978
1979	14.6	46.2	40.2	34.0	66.3	35.7	21.6	19.4	21.4	21.1	17.0	27.7	30.6	1979
1980	46.0	12.1	16.2	77.6	39.1	22.1	26.2	63.4	37.7	19.6	19.3	26.5	34.5	1980
1981	52.0	46.7	43.2	21.3	23.5	26.0	23.6	21.0	36.2	26.6	26.6	30.8	31.6	1981
1982	37.7	46.1	44.1	37.2	17.1	42.6	33.2	27.1	31.3	26.6	14.2	37.4	32.7	1982
1983	58.7	52.2	17.3	46.0	69.0	26.6	17.5	16.6	21.4	17.1	11.4	16.0	28.9	1983
1984	31.4	43.1	47.7	26.6	24.6	36.0	26.6	26.7	34.9	21.1	10.6	8.38	28.0	1984
1985	31.1	50.6	62.1	60.6	36.5	20.6	20.5	26.2	41.3	47.6	64.5	62.7	40.1	1985
1986	63.9	36.6	36.6	16.2	22.7	46.6	34.1	46.4	64.7	73.7	61.0	57.0	44.4	1986
1987	33.4	26.6	30.6	17.1	14.6	16.1	31.7	31.6	17.6	17.3	36.7	46.6	26.7	1987
1988	42.0	49.0	22.6	6.61	9.20	16.6	12.6	14.4	16.3	21.2	24.9	26.6	22.0	1988
MEAN	32.9	36.1	31.0	31.0	36.5	26.2	25.6	26.7	26.6	22.6	22.5	27.6	28.5	MEAN

LOCATION - LAT 44 46 16 N
LONG 79 19 06 W REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC005, 02EC006, 02EC007 AND 02EC013

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	38.6 ON JUN 6	4.43 ON MAY 1	478 000	1983
1984	---	28.2 ON NOV 23	3.09 ON DEC 27	393 000	1984
1985	---	87.2R ON MAY 27	3.54 ON JAN 1	548 000	1985
1986	---	45.6 ON JAN 3	2.67 ON NOV 18 *	834 000	1986
1987	---	105 R ON JUL 2 *	4.31R ON APR 11	1 280 000	1987
1988	---	68.1R ON JAN 3	4.35R ON MAR 21	838 000	1988
1989	---	85.6 ON MAY 18	5.44 ON APR 10	871 000	1989
1970	---	59.2 ON APR 23	8.72 ON MAR 26	791 000	1970
1971	---	53.0 ON APR 14	4.92 ON DEC 10	718 000	1971
1972	---	88.0R ON MAY 18	8.05 ON JAN 1	1 080 000	1972
1973	---	84.5 ON APR 18	8.46 ON MAR 17	1 010 000	1973
1974	---	88.8 ON APR 18	10.2 ON OCT 21	1 100 000	1974
1975	---	76.8R ON MAY 6	2.78 ON DEC 11	785 000	1975
1976	---	83.0 ON APR 18	3.86 ON JAN 1	1 120 000	1976
1977	---	55.7R ON DEC 23	4.38 ON MAR 18	787 000	1977
1978	---	85.2 ON MAY 20	5.25 ON MAY 1	848 000	1978
1979	---	78.0 ON MAY 18	11.3 ON JAN 11	865 000	1979
1980	---	94.5R ON APR 17	8.09R ON FEB 8	1 080 000	1980
1981	---	74.7R ON MAR 3	14.4 ON APR 8	1 000 000	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 8	1 030 000	1982
1983	---	78.4 ON APR 18	5.74 ON NOV 17	843 000	1983
1984	---	58.4 ON JUN 4	5.68 ON DEC 18	885 000	1984
1985	---	83.3 ON MAY 2	8.08 ON JAN 1	1 280 000	1985
1986	---	87.4 ON SEP 30	11.7 ON MAY 12	1 400 000	1986
1987	---	54.7 ON DEC 31	7.11 ON MAR 25	841 000	1987
1988	---	54.7 ON JAN 1	7.07 ON MAY 8	885 000	1988
				901 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	47.4	20.1	8.60	8.60	13.8	8.60	---	1987
1988	4.58	2.87	2.21	25.5	155	36.8	12.8	32.2	20.2	86.3	58.7	19.4	41.1	1988
1989	7.16	5.17	4.09	3.58	156	117	34.0	12.7	30.6	75.9	27.7	15.6	41.1	1989
1970	8.81	5.62	3.88	3.18	84.9	131	51.2	42.8	120	135	58.9	20.2	55.7	1970
1971	9.08	5.66	4.85	8.80	250	58.3	38.4	---	---	---	58.4	30.8	---	1971
1972	11.2	4.10	1.83	1.23	162	87.4	42.3	19.7	61.3	112	35.2	15.6	48.4	1972
1973	7.85	5.69	5.23	5.88	218	138	111	13.0	20.8	45.2	26.1	9.36	50.4	1973
1974	5.75	4.21	3.31	2.76	88.0	194	57.2	23.4	53.7	34.3	12.5	5.65	40.4	1974
1975	4.85	4.35	3.99	4.87	144	74.5	55.7	142	72.5	55.2	34.1	11.2	51.8	1975
1976	5.54	3.39	2.58	6.26	188	58.2	20.7	5.95	2.18	2.84	2.52	1.61	27.8	1976
1977	1.41	1.19	1.16	33.5	80.0	28.7	4.85	11.2	41.6	28.6	14.4	6.61	18.3	1977
1978	4.28	3.31	2.72	2.31	102	85.4	65.6	112	73.2	54.6	38.7	14.0	47.0	1978
1979	7.11	4.41	3.88	105	174	80.3	15.8	22.5	17.6	23.2	40.4	14.6	41.0	1979
1980	7.90	4.58	2.48	2.54	222	82.1	48.6	37.2	82.0	102	38.1	10.5	60.3	1980
1981	6.27	5.06	4.37	3.80	206	112	17.1	13.2	17.1	41.2	23.0	7.88	38.6	1981
1982	4.95	3.71	2.98	2.65	205	80.6	58.8	74.0	72.2	71.5	31.8	13.0	52.1	1982
1983	6.05	5.16	2.98	2.07	157	46.0	46.3	16.6	24.1	48.0	30.2	12.8	33.6	1983
1984	6.58	3.84	2.37	66.6	121	28.4	12.2	6.38	7.73	13.4	6.08	6.19	23.6	1984
1985	5.04	4.41	4.01	6.58	310	223	60.8	19.6	30.0	78.5	71.3	18.2	66.6	1985
1986	6.83	5.01	3.32	4.72	212	58.2	17.5	11.7	49.5	38.4	21.2	10.4	37.1	1986
1987	6.57	4.46	3.68	56.5	80.8	32.6	32.1	16.5	164	61.1	23.7	9.79	38.5	1987
1988	4.76	3.15	2.70	4.34	181	46.5	10.5	6.37	66.1	76.1	40.7	15.5	35.9	1988
MEAN	6.50	4.24	3.25	16.9	155	88.0	38.6	31.4	48.5	58.8	34.7	12.8	42.0	MEAN

LOCATION - LAT 54 17 00 N, LONG 85 38 00 W. DRAINAGE AREA, 4 710 km². NATURAL FLOW

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	---	---	---	---	1987
1988	---	213 ON MAY 18	1.84 ON APR 11	1 300 000	1988
1989	---	255E ON MAY 20	3.40E ON APR 22	1 300 000	1989
1970	---	260E ON MAY 27	3.03E ON APR 26	1 780 000	1970
1971	---	---	---	---	1971
1972	263E ON MAY 17	263E ON MAY 17	1.19E ON APR 8	1 470 000	1972
1973	530 AT 20:48 EST ON MAY 24 *	530 ON MAY 24 *	4.86E ON APR 8	1 590 000	1973
1974	243 AT 08:57 EST ON JUN 23	240 ON JUN 22	2.61E ON APR 22	1 280 000	1974
1975	---	243E ON MAY 7	3.71E ON APR 16	1 540 000	1975
1976	---	346E ON MAY 19	1.60 ON SEP 21	884 000	1976
1977	136 AT 12:20 EST ON APR 26	135 ON APR 26	1.15E ON MAR 3 *	809 000	1977
1978	208 AT 23:38 EST ON MAY 19	204 ON MAY 20	2.18E ON APR 25	1 480 000	1978
1979	398 AT 16:06 EST ON APR 26	384 ON APR 25	3.20E ON MAR 17	1 290 000	1979
1980	384 AT 01:17 EST ON MAY 8	380 ON MAY 8	1.78E ON APR 6	1 590 000	1980
1981	410 AT 19:58 EST ON MAY 17	407 ON MAY 17	3.60E ON APR 15	1 210 000	1981
1982	---	360E ON MAY 11	2.60E ON APR 29	1 640 000	1982
1983	---	360E ON MAY 14	1.86E ON APR 19	1 080 000	1983
1984	270 AT 18:46 EST ON APR 30	269 ON APR 30	1.88E ON APR 12	744 000	1984
1985	523 AT 04:02 EST ON MAY 8	519 ON MAY 8	3.80E ON APR 11	2 170 000	1985
1986	387 AT 14:06 EST ON MAY 18	386 ON MAY 18	3.05E ON MAR 26	1 170 000	1986
1987	206 AT 07:23 EST ON SEP 18	203 ON SEP 17	3.70E ON MAR 11	1 210 000	1987
1988	---	255 ON MAY 7	2.85E ON MAR 17	1 140 000	1988
				1 330 000	MEAN

E - ESTIMATED. * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHAWANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	20.4	7.77	3.10	0.850	0.093	0.090	2.07	8.03	3.83	---	1974
1975	4.84	2.86	4.37	14.8	8.47	1.00	0.184	0.048	2.79	3.20	4.81	8.81	4.48	1975
1976	2.76	3.02	12.3	13.9	3.91	1.36	0.484	0.083	0.044	0.853	0.887	1.84	3.26	1976
1977	1.44	1.23	4.07	11.6	1.56	0.298	0.039	0.020	0.007	4.86	8.43	8.70	3.33	1977
1978	2.86	1.85	1.28	16.4	8.07	1.38	---	---	---	---	---	---	---	1978
MEAN	2.82	2.20	5.51	16.4	4.86	1.41	0.378	0.080	0.883	2.10	5.73	5.45	3.72	MEAN

LOCATION - LAT 45 32 56 N, LONG 80 17 05 W. DRAINAGE AREA, 225 km². NATURAL FLOW

SHAWANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	48.1 AT 03:48 EST ON APR 16 *	47.3 ON APR 16 *	0.027 ON SEP 18	---	1974
1975	37.8 AT 14:58 EST ON APR 26	37.7 ON APR 26	0.005 ON AUG 24	141 000	1975
1976	39.1 AT 03:34 EST ON APR 3	36.6 ON APR 3	0.026 ON SEP 8	106 000	1976
1977	---	22.1E ON APR 5	0.003 ON JUL 28 *	105 000	1977
1978	27.8 AT 18:12 EST ON APR 21	27.8 ON APR 21	---	---	1978
				117 000	MEAN

E - ESTIMATED. * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 03AB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	13.2	8.35	8.63	8.81	---	1923
1924	8.80	3.86	3.11	8.49	12.8	8.38	18.3	11.0	20.8	21.7	21.4	10.7	12.3	1924
1925	9.08	5.76	4.73	21.6	16.8	36.4	15.0	13.3	17.7	15.3	13.6	8.81	15.1	1925
1926	8.07	5.86	6.37	11.3	18.5	30.1	48.0	32.3	22.3	22.3	17.4	17.5	18.8	1926
1927	11.6	10.5	13.1	50.3	108	50.8	28.2	11.2	8.60	17.8	11.2	8.67	27.5	1927
1928	5.87	4.31	3.76	5.38	25.8	28.7	16.8	13.3	21.6	20.9	15.9	12.2	14.8	1928
1929	7.03	6.35	7.80	28.3	24.0	26.8	18.0	4.98	6.23	9.46	14.7	11.9	13.9	1929
1930	8.82	8.75	3.48	7.88	25.9	32.8	22.8	11.7	6.70	7.08	4.80	7.78	12.2	1930
1931	3.09	6.86	3.24	7.78	24.0	37.8	16.5	1.12	0.784	8.04	11.4	---	---	1931
1932	---	---	---	---	55.8	32.8	24.0	11.8	2.70	2.21	8.68	1.81	---	1932
1933	1.02	0.821	7.02	37.8	54.2	26.2	11.8	9.87	6.84	12.0	---	---	---	1933
1934	---	---	---	---	107	44.1	22.7	11.4	11.1	13.6	15.6	11.0	---	1934
1935	10.1	13.5	16.5	51.2	70.2	37.6	21.1	18.1	10.2	9.76	11.7	10.4	23.3	1935
1936	9.08	8.01	7.46	12.7	81.1	38.6	12.3	6.42	3.98	5.11	7.25	6.23	17.3	1936
1937	8.24	8.32	12.8	36.8	86.7	50.6	17.3	12.5	12.0	15.6	14.4	7.56	23.4	1937
1938	7.26	11.4	8.86	51.2	89.5	62.7	28.2	17.1	6.10	4.41	7.80	5.08	25.2	1938
1939	6.41	7.24	17.4	37.2	82.9	36.8	20.7	16.3	7.08	7.76	5.87	7.32	21.1	1939
1940	7.80	7.37	8.36	4.17	17.8	32.6	18.1	8.06	4.38	3.76	9.10	9.06	10.6	1940
1941	8.15	7.88	6.87	32.3	22.8	42.4	9.83	18.3	61.6	88.3	26.6	8.27	24.6	1941
1942	12.4	10.3	8.56	17.8	58.4	31.1	28.8	16.7	7.35	9.19	11.2	11.0	18.7	1942
1943	11.2	12.8	16.6	24.4	40.3	115	50.4	18.8	14.2	14.4	22.6	16.4	29.6	1943
1944	10.2	10.2	13.6	30.8	78.0	84.4	51.7	59.8	27.2	16.0	23.7	20.8	35.7	1944
1945	16.5	13.6	18.6	84.0	26.4	33.6	22.1	17.6	15.0	8.48	7.15	7.82	20.1	1945
1946	8.04	13.0	16.7	42.3	37.2	28.6	29.6	8.74	12.0	33.1	33.2	21.0	23.8	1946
1947	16.8	14.2	15.8	11.8	70.6	116	34.6	19.6	17.8	14.0	14.2	8.85	29.6	1947
1948	8.90	13.2	15.6	36.9	43.7	23.6	12.1	25.1	13.4	4.06	8.12	10.2	16.0	1948
1949	11.9	11.6	14.6	30.6	31.2	23.9	21.0	12.0	8.80	18.7	14.4	16.6	16.0	1949
1950	16.6	13.3	13.6	29.4	191	83.3	79.6	37.1	28.6	42.7	23.6	22.9	49.6	1950
1951	18.7	14.7	19.6	36.0	185	44.7	25.3	14.4	23.1	31.1	24.4	23.6	36.2	1951
1952	16.0	16.6	16.0	60.4	42.2	27.1	60.3	34.6	24.7	10.6	18.4	13.0	26.6	1952
1953	11.6	11.9	13.0	24.3	72.7	63.2	28.0	15.6	16.6	14.3	11.8	12.6	23.7	1953
1954	11.1	14.6	12.1	30.6	123	56.9	21.1	8.80	8.06	8.10	7.32	7.56	26.2	1954
1955	8.46	8.10	12.7	34.1	16.7	7.10	7.28	4.25	7.44	12.7	14.6	13.6	12.4	1955
1956	14.2	14.6	11.6	21.6	87.1	46.1	23.3	10.6	4.84	2.21	8.06	6.67	18.4	1956
1957	8.24	10.1	13.7	44.1	46.0	46.1	37.2	8.92	8.66	---	---	---	---	1957
MEAN	9.92	9.60	11.6	29.2	58.2	44.3	27.2	16.6	13.6	14.6	14.0	11.6	22.4	MEAN

LOCATION - LAT 48 32 36 N
LONG 88 47 00 W

DRAINAGE AREA, 2 880 km²
REGULATED

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 03AB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	78.3 ON SEP 22	2.83 ON JUL 3	388 000	1924
1925	---	76.6 ON APR 26	4.73 B ON MAR 1	476 000	1925
1926	---	83.7 ON JUL 10	4.98 ON MAY 28	626 000	1926
1927	---	178 ON MAY 16	6.26 B ON DEC 30	867 000	1927
1928	---	46.6 ON MAY 4	3.17 B ON MAR 20	491 000	1928
1929	---	67.7 ON APR 6	0.483 ON SEP 2	437 000	1929
1930	---	66.8 ON JUN 14	0.7088 ON NOV 11	344 000	1930
1931	---	66.0 ON MAY 28	0.311 ON AUG 27 *	---	1931
1932	---	---	---	---	1932
1933	---	100 ON MAY 1	---	---	1933
1934	---	188 B ON MAY 12	---	---	1934
1935	---	186 ON APR 27	4.84 ON SEP 23	733 000	1935
1936	---	183 ON MAY 8	2.27 ON SEP 12	648 000	1936
1937	---	143 ON MAY 1	6.24 B ON JAN 1	738 000	1937
1938	---	191 ON MAY 2	1.27 ON OCT 28	795 000	1938
1939	---	136 ON APR 30	3.03 ON OCT 3	667 000	1939
1940	---	43.0 ON JUN 13	0.765 ON APR 28	334 000	1940
1941	---	128 ON JUN 8	3.91 B ON APR 6	776 000	1941
1942	---	90.0 ON MAY 16	4.87 ON APR 9	691 000	1942
1943	---	208 ON JUN 18	6.14 ON AUG 22	834 000	1943
1944	---	178 ON MAY 14	7.86 B ON JAN 30	1 130 000	1944
1945	---	146 ON APR 13	4.25 ON AUG 29	835 000	1945
1946	---	76.9 ON APR 24	3.62 ON SEP 2	784 000	1946
1947	---	326 ON JUN 11	7.28 ON APR 14	834 000	1947
1948	---	113 ON APR 27	3.28 ON OCT 9	670 000	1948
1949	---	86.4 ON MAY 6	6.77 ON SEP 11	667 000	1948
1950	---	367 ON MAY 13	13.3 B ON FEB 1	1 980 000	1950
1951	---	366 ON MAY 2 *	9.84 ON AUG 29	1 140 000	1951
1952	---	180 ON APR 22	8.98 ON OCT 30	837 000	1952
1953	---	167 ON JUN 1	9.85 B ON JAN 7	748 000	1953
1954	---	223 ON MAY 2	6.31 B ON DEC 5	826 000	1954
1955	---	54.7 ON APR 15	3.67 ON AUG 11	382 000	1955
1956	---	127 ON JUN 1	1.42 ON OCT 8	814 000	1956
1957	---	196 ON APR 26	---	---	1957
				706 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	5.71	4.08	1.14	2.48	10.0	7.52	---	1924
1925	6.62	3.77	2.70	0	2.72	7.05	2.23	8.78	11.5	9.35	8.40	7.03	5.70	1925
1926	5.54	4.33	3.87	1.77	0	4.29	7.83	21.1	3.87	0.284	5.98	9.79	5.74	1926
1927	7.24	6.42	5.81	10.5	35.9	20.7	4.50	4.30	5.98	5.78	7.76	5.48	10.7	1927
1928	3.76	2.20	2.01	0.271	2.26	5.47	3.20	7.30	5.38	5.60	7.47	6.10	4.82	1928
1929	5.44	4.07	3.79	0.630	5.89	5.46	5.45	1.20	0.858	1.10	5.10	4.82	3.80	1929
1930	4.80	2.52	0.701	0	0.113	4.14	5.42	7.67	3.66	0	0.849	3.80	2.87	1930
1931	2.54	1.86	1.07	1.17	3.44	11.8	10.1	0.010	0	0	2.14	8.37	3.84	1931
1932	8.49	8.53	10.7	2.66	13.0	19.4	11.0	3.28	0	0	0.118	0.430	5.66	1932
1933	0.570	1.24	4.52	5.46	10.4	5.95	4.97	5.61	3.89	2.89	3.76	4.80	4.80	1933
1934	7.71	10.1	13.0	2.23	37.7	25.2	12.5	6.83	3.37	0.038	4.66	6.72	10.7	1934
1935	5.38	7.31	10.3	2.89	15.5	15.8	10.3	5.59	1.06	0.203	3.98	7.19	7.38	1935
1936	7.36	8.08	11.2	5.01	10.8	16.4	8.89	2.82	0	1.57	3.02	2.72	6.42	1936
1937	2.44	4.84	7.37	2.46	14.8	20.1	4.91	5.75	5.69	1.04	0.748	2.35	6.44	1937
1938	5.11	8.05	8.68	5.78	26.1	25.6	14.3	5.49	1.56	1.89	0.126	2.59	8.84	1938
1939	4.18	6.26	12.4	9.40	5.16	13.4	29.3	7.80	2.66	0.882	1.83	4.21	6.11	1939
1940	5.76	6.84	5.46	1.41	0.842	8.24	6.15	1.69	2.30	1.86	3.83	5.66	4.46	1940
1941	7.73	7.31	6.31	1.10	2.92	0.893	2.29	13.5	12.7	28.7	11.8	10.1	8.72	1941
1942	10.8	7.33	4.88	0.884	10.1	7.38	13.4	10.8	2.34	1.04	4.15	7.78	8.76	1942
1943	10.5	11.7	11.4	2.46	2.43	42.8	30.9	6.09	0.879	2.31	7.99	6.23	11.8	1943
1944	7.79	7.98	7.98	4.77	15.3	31.0	24.7	27.3	9.14	2.56	3.48	6.16	12.4	1944
1945	7.24	6.46	7.01	11.5	5.70	9.16	7.87	5.11	0.425	0.765	1.08	2.51	5.87	1945
1946	5.32	7.07	4.83	2.26	9.65	5.37	11.0	4.96	2.61	1.86	7.01	7.06	5.63	1946
1947	5.20	7.49	6.43	2.66	2.84	23.9	12.4	7.30	4.61	5.04	4.56	4.84	7.56	1947
1948	4.48	6.21	7.98	2.96	3.94	6.93	4.11	6.04	5.47	0.610	1.43	4.62	4.74	1948
1949	5.16	5.61	6.20	1.21	0.905	6.86	8.92	3.99	2.40	0.744	2.16	6.43	4.63	1949
1950	6.32	5.64	4.80	2.43	28.8	36.3	38.8	12.8	10.8	10.8	4.78	6.77	14.0	1950
1951	8.03	8.86	7.38	2.46	21.4	14.4	6.26	5.30	3.24	5.53	6.80	7.46	6.36	1951
1952	7.36	7.66	8.06	2.77	6.14	5.80	17.2	7.32	4.68	1.69	4.61	6.03	6.67	1952
1953	5.77	7.29	6.27	0.682	1.33	26.7	16.8	5.70	5.26	5.36	5.61	6.19	7.93	1953
1954	6.66	6.61	6.61	3.29	30.0	27.3	6.78	2.16	1.44	1.42	1.43	4.61	8.80	1954
1955	4.44	5.75	7.76	4.10	1.42	1.42	1.42	1.42	1.42	1.42	2.61	6.61	3.32	1955
1956	7.87	8.66	7.86	2.72	9.13	22.4	6.78	4.66	0.460	0	3.25	4.66	6.62	1956
1957	6.04	8.26	7.44	2.52	9.16	18.2	16.1	6.16	6.62	1.11	1.30	6.67	7.32	1957
1958	7.47	7.81	8.56	1.61	2.96	4.36	7.66	2.80	1.92	2.66	3.26	6.71	4.64	1958
1959	7.91	7.87	8.57	0.286	2.06	13.7	6.93	3.09	9.66	3.96	8.53	10.4	6.72	1959
1960	10.0	8.71	8.33	1.40	0.085	5.26	2.44	0.685	4.63	4.66	2.62	6.36	4.43	1960
1961	7.71	11.4	9.34	4.46	5.70	14.4	6.56	0.085	11.6	6.42	6.76	6.36	7.43	1961
1962	7.43	7.86	9.60	6.76	3.71	14.2	11.0	11.6	6.76	3.46	6.06	6.66	7.74	1962
1963	7.26	7.56	8.06	1.42	1.83	26.3	10.6	6.20	4.40	0.184	0.279	4.02	6.27	1963
1964	2.46	2.13	14.1	3.82	16.0	30.1	27.1	2.66	9.41	6.46	6.66	6.40	10.7	1964
1965	6.66	4.64	6.66	6.10	12.2	21.6	10.3	0.702	12.7	14.6	6.36	6.42	8.23	1965
1966	13.3	13.6	11.6	16.0	21.6	20.6	2.42	6.67	4.80	2.32	0.878	1.76	8.80	1966
1967	6.12	4.66	12.6	6.10	6.41	17.6	6.46	16.6	1.47	0.460	3.66	6.66	8.00	1967
1968	6.66	6.20	7.47	0.626	26.3	46.7	36.4	26.6	14.6	6.22	22.0	17.6	16.6	1968
1969	12.6	10.1	6.46	6.40	26.0	16.0	17.7	0.426	0.426	0.426	0.426	1.80	6.17	1969
1970	6.37	10.7	13.3	4.76	16.4	33.6	2.66	0.426	0.426	7.46	21.6	11.1	10.6	1970
1971	6.46	6.06	12.0	6.46	22.0	17.3	2.67	7.66	3.62	6.36	26.4	10.7	11.4	1971
1972	10.6	7.67	7.66	7.63	12.4	7.02	6.36	4.46	0.426	0.426	6.67	6.56	6.62	1972
1973	1.63	3.66	7.77	11.6	5.62	4.67	7.36	4.76	4.66	6.76	10.1	6.60	6.61	1973
1974	6.21	6.36	6.46	6.06	16.1	16.6	6.26	0.462	7.63	2.63	11.2	6.36	6.10	1974
1975	6.27	4.46	1.67	0.886	6.26	7.61	6.06	1.66	0.810	0.264	0.260	0.734	3.27	1975
1976	6.62	6.60	7.67	13.6	7.06	3.26	6.27	0.142	0.142	0.142	0.142	2.66	4.67	1976
1977	4.07	3.73	2.66	0.142	0.142	0.142	6.46	2.31	36.4	24.6	6.60	6.41	7.66	1977
1978	6.64	6.26	3.16	1.66	6.66	16.1	10.2	1.92	6.46	4.93	6.76	3.62	6.61	1978
1979	2.23	1.62	2.66	3.26	22.0	13.6	1.37	0.260	0.260	0.260	1.61	4.36	4.66	1979
1980	6.02	7.66	10.1	3.06	0	0	3.21	0	6.36	6.44	4.60	3.66	6.11	1980
1981	3.16	2.64	2.70	3.61	16.6	7.36	1.16	0.160	0.160	0.160	0.160	2.61	3.43	1981
1982	3.62	2.73	2.76	2.02	11.0	1.22	36.6	4.67	0	12.7	6.27	6.06	6.22	1982
1983	7.10	6.27	6.27	0.712	1.16	16.3	26.0	0	0	0	0	6.67	6.00	1983
1984	6.63	6.66	0.023	0.040	11.0	14.4	4.76	0	0	0	0	0	3.66	1984
1985	---	---	---	---	0	6.64	11.7	6.686	16.0	24.7	2.41	---	---	1985
1986	---	---	---	0.466	26.2	---	---	0.701	6.160	0	---	---	---	1986
1987	---	---	---	0	0	0	0	0	0.110	---	---	---	---	1987
1988	---	---	---	---	0.694	---	1.66	---	---	---	---	6.46	---	1988
MEAN	6.46	6.66	7.11	3.70	10.6	14.6	10.6	5.34	4.66	4.26	6.07	6.01	7.17	MEAN

LOCATION - LAT 46 37 11 N
LONG 90 03 42 W

REGULATED SINCE 1924

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - DAILY DISCHARGES PRIOR TO 1976 HAVE NOT BEEN PUBLISHED. DATA PUBLISHED AS RECEIVED FROM CONTRIBUTOR.

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	17.4R ON JUN 27	0 ON MAR 28 *	160 000	1925
1926	---	27.7 ON AUG 19	0 R ON APR 17	181 000	1926
1927	---	39.4R ON MAY 17	0 R ON APR 21	336 000	1927
1928	---	11.9R ON JUN 5	0 R ON APR 5	158 000	1928
1929	---	11.2R ON MAY 3	0 E ON APR 7	120 000	1929
1930	---	12.3R ON AUG 11	0 ON MAR 16	90 300	1930
1931	---	21.1R ON JUN 30	0 R ON APR 9	112 000	1931
1932	---	28.4R ON MAY 26	0 R ON APR 11	204 000	1932
1933	---	14.0R ON MAY 29	0.227 ON APR 22	151 000	1933
1934	---	56.6 ON MAY 16	0 R ON APR 9	337 000	1934
1935	---	33.7 ON JUL 4	0 R ON APR 14	233 000	1935
1936	---	23.1R ON MAY 30	0 R ON APR 16	203 000	1936
1937	---	24.9R ON MAY 16	0 R ON APR 15	203 000	1937
1938	---	39.6R ON JUN 15	0 R ON MAR 24	278 000	1938
1939	---	36.2R ON JUL 8	0.057R ON APR 21	258 000	1938
1940	---	17.7 ON JUN 13	0.085 ON MAY 1	138 000	1940
1941	---	39.9 ON OCT 1	0 R ON APR 8	276 000	1941
1942	---	26.7 ON MAY 16	0.113R ON APR 5	213 000	1942
1943	---	58.6R ON JUN 18	0.198R ON SEP 8	367 000	1943
1944	---	46.9R ON AUG 17	0.311R ON APR 18	391 000	1944
1945	---	24.2R ON APR 17	0.311R ON MAR 24	185 000	1945
1946	---	30.8R ON JUL 21	0.426 ON AUG 18	184 000	1946
1947	---	48.1 ON JUN 18	0.428R ON APR 11	239 000	1947
1948	---	14.2R ON SEP 9	0.425 ON APR 13	150 000	1948
1949	---	18.1R ON JUN 26	0 R ON APR 20	143 000	1948
1950	---	48.0 ON MAY 25	0.085 ON APR 19	442 000	1950
1951	---	30.9R ON MAY 9	0.227R ON JUN 30	284 000	1951
1952	---	32.0 ON JUL 13	0.085R ON SEP 24	211 000	1952
1953	---	40.8 ON JUN 1	0.085R ON APR 5	250 000	1953
1954	---	39.1 ON JUN 19	0.085 ON APR 13	280 000	1954
1955	---	10.2 ON MAR 26	1.42 R ON APR 13	105 000	1955
1956	---	33.7R ON JUN 2	0 ON SEP 10	218 000	1956
1957	---	27.1 ON JUN 25	0 R ON APR 21	231 000	1957
1958	---	13.3 ON FEB 25	0.085 ON APR 7	146 000	1958
1959	---	32.3 ON JUN 13	0.085R ON APR 3	212 000	1959
1960	---	11.4 ON JAN 1	0.085R ON APR 12	140 000	1960
1961	---	32.0R ON SEP 12	0.085 ON APR 10	234 000	1961
1962	---	31.3 ON MAY 26	0.198 ON APR 25	244 000	1962
1963	---	45.0R ON JUN 14	0.198R ON APR 2	198 000	1963
1964	---	45.3 ON JUN 25	0.198R ON JAN 17	339 000	1964
1965	---	40.5R ON MAY 27	0.198R ON AUG 5	281 000	1965
1966	---	34.3R ON MAY 30	0.198R ON JUN 18	300 000	1966
1967	---	34.5R ON JUL 2	0.057R ON OCT 30	262 000	1967
1968	---	72.2 ON JUN 13 *	0.057 ON MAR 31	593 000	1968
1969	---	35.1R ON MAY 14	0.425R ON JUL 30	289 000	1969
1970	---	40.3 ON JUN 1	0.283R ON APR 21	345 000	1970
1971	---	44.5R ON MAY 27	0.142 ON APR 1	380 000	1971
1972	---	18.3R ON MAY 14	0.142R ON JUN 6	209 000	1972
1973	---	14.6 ON APR 10	0.142R ON MAY 24	202 000	1973
1974	---	23.9R ON JUN 8	0.142R ON JUL 30	255 000	1974
1975	---	19.9R ON JUN 24	0.142R ON OCT 18	103 000	1975
1976	---	21.0R ON APR 26	0.142 ON MAY 31	142 000	1976
1977	---	47.8 ON SEP 11	0.142 ON MAR 17	249 000	1977
1978	---	34.7 ON JUN 8	0 ON AUG 13	208 000	1978
1979	---	36.9 ON MAY 20	0 ON NOV 12	143 000	1979
1980	---	17.2 ON SEP 16	0 ON APR 18	130 000	1980
1981	---	36.4 ON MAY 6	0 ON APR 6	108 000	1981
1982	---	61.6 ON JUL 13	0 ON AUG 20	259 000	1982
1983	---	52.6 ON JUL 5	0 ON APR 8	189 000	1983
1984	---	22.1 ON JUN 14	0 ON FEB 18	115 000	1984
1985	---	43.0 ON SEP 24	---	---	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	---	49.9 ON AUG 17	0 ON MAR 2	---	1988
				226 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	6.03	10.2	15.5	---	1957
1958	15.9	13.7	12.8	30.7	18.7	21.6	26.2	8.14	10.2	13.3	18.0	13.3	16.8	1958
1959	9.88	10.6	12.6	21.3	32.9	35.7	17.4	21.1	43.7	27.0	20.4	16.2	23.4	1959
1960	14.5	12.9	14.6	26.8	29.3	17.3	7.83	5.48	11.3	13.1	22.4	12.5	15.8	1960
1961	13.8	17.3	18.8	37.4	40.1	31.3	16.3	7.16	35.6	24.5	26.3	13.2	23.5	1961
1962	13.7	13.8	15.2	22.4	48.8	42.0	27.9	41.3	22.0	12.0	13.5	15.6	24.2	1962
1963	14.7	11.8	9.13	25.4	30.4	84.5	28.7	16.2	12.2	4.07	5.72	7.19	20.8	1963
1964	8.11	4.85	17.3	41.8	76.8	92.7	52.5	13.4	26.7	28.7	17.8	10.2	32.4	1964
1965	8.31	7.44	11.8	30.5	76.7	47.6	24.5	9.00	33.8	53.7	18.6	19.0	29.3	1965
1966	18.2	18.1	20.3	58.8	101	44.7	14.1	11.7	8.05	12.9	7.12	7.83	27.0	1966
1967	14.5	9.38	19.8	66.6	82.3	38.9	16.5	29.1	5.69	4.93	8.15	11.6	23.8	1967
1968	6.39	9.16	16.2	52.1	87.3	113	74.9	27.4	18.7	27.3	28.4	16.3	38.4	1968
1969	13.9	13.7	19.4	64.2	58.5	35.9	26.2	16.0	8.18	11.0	8.18	6.95	25.0	1969
1970	11.0	15.5	26.8	41.5	100	86.7	26.0	8.38	5.54	28.2	83.1	41.0	38.5	1970
1971	17.5	16.6	21.0	76.2	88.5	43.6	13.1	11.3	8.02	30.3	84.1	27.7	34.3	1971
1972	14.7	13.4	18.2	48.1	78.9	33.4	33.5	15.7	8.86	8.20	12.2	9.59	24.5	1972
1973	6.89	11.6	25.1	51.0	37.7	25.1	21.9	16.8	30.8	30.8	26.0	15.5	25.3	1973
1974	12.7	12.3	15.4	48.8	78.1	52.5	19.8	9.69	24.6	20.5	30.1	22.2	29.0	1974
1975	16.5	14.5	9.69	37.2	46.8	32.5	18.8	8.86	7.94	8.93	7.83	7.36	18.2	1975
1976	10.8	11.9	25.3	108	34.7	24.4	14.3	4.20	2.69	2.80	2.82	2.79	20.3	1976
1977	4.39	3.81	5.21	14.8	8.97	8.16	13.7	14.2	107	70.7	33.1	26.2	24.2	1977
1978	20.2	14.8	10.6	35.9	54.7	66.7	26.1	14.0	21.7	20.1	14.1	8.38	25.8	1978
1979	6.45	5.29	8.53	45.4	88.9	42.2	13.4	8.90	10.6	8.26	10.0	7.55	21.2	1979
1980	7.37	10.8	13.7	31.4	15.8	5.67	8.55	7.10	44.6	28.3	20.4	12.8	17.3	1980
1981	10.0	10.2	12.7	68.5	54.0	44.9	15.9	5.43	3.52	8.13	8.30	6.51	20.5	1981
1982	5.97	5.73	6.80	32.9	61.6	27.4	84.4	26.6	12.1	50.2	44.8	27.2	33.3	1982
1983	16.5	12.6	15.8	29.8	40.4	52.7	49.1	19.8	15.4	23.7	16.3	19.5	26.0	1983
1984	17.4	13.1	8.63	44.6	66.6	45.5	21.0	13.5	8.86	13.6	9.90	9.77	21.8	1984
1985	11.6	10.4	10.1	36.1	52.1	47.7	42.5	18.2	38.7	56.3	31.9	25.7	32.0	1985
1986	13.9	11.7	15.5	64.2	80.3	28.1	21.6	11.6	10.7	8.83	12.7	8.84	24.8	1986
1987	5.16	4.66	7.42	9.94	10.3	8.25	3.21	20.1	16.1	18.2	16.7	10.5	10.7	1987
1988	6.54	5.63	7.24	23.8	23.0	11.9	5.13	46.3	40.7	16.3	27.5	20.9	19.7	1988
MEAN	11.8	11.2	14.6	43.6	53.7	41.0	25.6	16.7	21.1	21.6	20.3	14.9	24.7	MEAN

LOCATION - LAT 48 33 20 N DRAINAGE AREA, 2 800 km²
LONG 89 40 55 W REGULATED

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	---	---	---	1957
1958	---	86.3 ON JUL 8	2.63 ON SEP 19	533 000	1958
1959	---	105 ON SEP 7	9.06 ON AUG 5	706 000	1959
1960	---	80.0 ON MAY 1	2.01 ON AUG 5	494 000	1960
1961	---	108 ON APR 21	3.37 ON AUG 24	741 000	1961
1962	---	78.7 ON MAY 26	8.27 ON NOV 5	763 000	1962
1963	---	173 ON JUN 11	3.28 ON OCT 21	646 000	1963
1964	---	166 ON JUN 24	1.868 ON JAN 19	1 030 000	1964
1965	---	148 ON OCT 1	3.86 ON AUG 27	935 000	1965
1966	---	146 ON APR 27	2.39 ON AUG 2	850 000	1966
1967	---	121 ON APR 17	2.88 ON JUL 28	763 000	1967
1968	---	351 ON JUN 8 *	5.138 ON JAN 18	1 210 000	1968
1969	---	187 ON APR 17	4.38 ON SEP 21	788 000	1969
1970	---	183 ON MAY 1	1.33 ON AUG 18 *	1 180 000	1970
1971	222 AT 22:49 CST ON MAY 25	210 ON MAY 26	5.448 ON APR 4	1 080 000	1971
1972	201 AT 08:07 CST ON MAY 2	195 ON MAY 2	5.55 ON SEP 18	776 000	1972
1973	104 AT 04:17 CST ON APR 22	103 ON APR 22	5.688 ON JAN 21	706 000	1973
1974	131 AT 05:39 CST ON APR 28	116 ON APR 28	5.86 ON AUG 18	915 000	1974
1975	80.6 AT 06:48 CST ON APR 26	88.5 ON APR 28	5.82 ON NOV 8	575 000	1975
1976	287 AT 22:08 CST ON APR 16 *	279 ON APR 17	2.068 ON DEC 10	840 000	1976
1977	240 AT 08:13 EST ON SEP 10	234 ON SEP 10	2.368 ON FEB 16	827 000	1977
1978	---	148 E ON JUN 4	7.808 ON DEC 31	813 000	1978
1979	204 AT 16:40 EST ON MAY 11	197 ON MAY 11	3.83 ON SEP 27	867 000	1979
1980	105 AT 13:41 EST ON SEP 20	100 ON SEP 20	3.13 ON JUN 27	848 000	1980
1981	101 AT 17:03 EST ON APR 11	100 ON APR 11	3.17 ON SEP 22	846 000	1981
1982	275 AT 06:45 EST ON JUL 8	264 ON JUL 8	5.418 ON FEB 15	1 080 000	1982
1983	149 AT 07:23 EST ON JUL 5	145 ON JUL 5	8.86 ON APR 7	821 000	1983
1984	123 AT 07:35 EST ON APR 28	118 ON APR 28	8.58 ON OCT 15	890 000	1984
1985	---	118 E ON SEP 24	6.198 ON JAN 7	1 010 000	1985
1986	201 AT 21:56 EST ON APR 29	183 ON APR 30	5.808 ON DEC 31	782 000	1986
1987	52.4 AT 19:30 EST ON AUG 15	48.1 ON AUG 13	2.79 ON JUL 11	338 000	1987
1988	---	74.8 ON AUG 17	4.03 ON JUL 28	623 000	1988
				780 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	14.1	10.8	7.38	---	1921
1922	5.26	5.10	5.66	38.2	71.3	32.6	18.8	17.8	12.7	---	---	6.80	---	1922
1923	5.52	4.26	3.84	26.9	---	---	---	---	---	---	---	---	---	1923
MEAN	5.45	4.66	4.80	32.8	71.3	32.8	18.8	17.8	12.7	14.1	10.8	7.09	---	MEAN

LOCATION - LAT 48 32 45 N DRAINAGE AREA, 2 680 km²
LONG 89 37 25 W REGULATED

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	142 ON MAY 5 *	---	---	1922
1923	---	82.7 ON APR 22	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.1	12.6	10.3	11.9	21.2	19.6	---	1950
1951	12.6	9.21	8.69	76.1	170	27.2	16.8	7.67	6.87	25.6	36.1	31.1	36.0	1951
1952	13.1	9.10	7.63	47.2	82.1	63.7	37.4	35.8	12.1	13.3	16.0	21.8	30.0	1952
1953	10.6	9.17	8.65	33.2	224	82.6	32.6	11.0	10.1	13.0	13.8	16.8	38.4	1953
1954	10.7	11.6	12.4	32.1	193	60.6	28.2	19.2	12.0	44.9	54.4	20.6	41.1	1954
1955	10.2	8.61	8.70	48.0	84.5	45.0	8.18	3.41	3.32	18.1	27.5	16.3	23.2	1955
1956	11.6	9.52	7.46	15.7	143	102	40.8	11.4	12.0	13.1	10.7	12.6	32.6	1956
1957	10.5	7.76	8.91	45.3	98.6	86.6	86.8	11.4	16.4	16.6	31.9	24.0	34.0	1957
1958	12.6	10.1	8.93	61.3	70.6	76.9	67.8	23.6	61.2	26.7	42.4	30.6	42.1	1958
1959	15.1	9.38	8.63	19.6	137	56.6	12.6	10.6	20.6	32.7	33.9	21.4	32.0	1959
1960	14.3	11.2	8.73	34.7	222	55.4	16.0	16.3	13.6	13.9	20.2	16.0	37.4	1960
1961	11.1	7.85	6.50	70.1	178	59.6	36.6	14.6	29.6	66.6	46.6	26.1	46.7	1961
1962	11.1	8.70	9.02	16.0	116	62.4	33.6	43.7	76.1	23.0	16.6	19.6	37.7	1962
1963	12.0	9.22	8.32	36.6	119	86.3	20.1	9.11	12.4	11.3	10.6	11.7	28.2	1963
1964	7.83	6.18	6.06	61.1	156	94.4	52.2	35.7	35.3	46.4	39.3	34.1	46.9	1964
1965	14.1	9.85	8.69	31.4	154	50.0	14.4	8.10	32.6	56.0	32.2	23.0	36.6	1965
1966	17.1	13.6	13.3	46.2	192	62.6	37.2	40.1	18.0	55.0	50.6	27.1	48.7	1966
1967	13.0	11.3	11.7	74.7	189	77.4	21.0	14.8	8.46	16.0	21.4	12.2	36.6	1967
1968	8.34	6.67	7.19	69.6	89.8	63.4	77.2	40.7	35.9	42.4	37.3	20.7	38.2	1968
1969	17.7	15.0	12.6	38.3	142	43.6	24.9	13.6	9.80	23.0	21.4	17.9	31.8	1969
1970	13.3	10.6	8.77	12.7	106	46.1	26.6	9.27	24.4	33.2	34.4	18.4	28.8	1970
1971	10.6	8.84	7.62	18.9	127	65.9	25.7	17.4	32.6	42.8	64.6	27.2	36.8	1971
1972	15.7	12.7	11.1	16.6	146	46.3	31.0	27.0	17.9	33.4	21.0	11.8	32.8	1972
1973	10.6	9.16	14.7	50.6	88.0	45.4	56.6	37.9	26.1	33.6	32.6	23.0	36.6	1973
1974	13.7	10.6	9.22	11.3	165	76.2	27.6	33.7	36.6	78.1	64.2	23.1	44.6	1974
1975	15.3	12.6	11.9	22.2	103	71.0	20.9	8.08	8.37	10.6	27.0	16.0	27.3	1975
1976	10.9	7.23	7.46	93.2	82.7	37.2	21.1	16.4	7.76	10.2	10.6	8.84	26.3	1976
1977	8.04	7.77	10.6	110	83.6	36.0	40.6	16.7	62.4	44.0	33.1	20.3	38.6	1977
1978	11.2	7.44	8.38	10.6	136	108	41.6	16.2	7.80	20.6	13.6	10.2	32.6	1978
1979	8.26	6.18	6.84	43.9	206	80.0	18.3	9.13	36.4	61.6	69.3	27.4	46.0	1979
1980	14.6	9.46	8.26	43.6	187	40.1	19.7	17.0	16.1	36.9	27.3	16.7	34.2	1980
1981	10.6	8.87	12.0	71.2	106	46.6	19.0	4.84	3.24	6.38	8.21	8.66	25.6	1981
1982	8.31	8.32	8.67	13.7	128	30.7	46.1	17.0	40.7	63.3	63.3	36.1	40.7	1982
1983	17.6	12.2	13.1	26.7	179	67.2	24.1	8.00	14.6	49.1	26.4	17.1	36.3	1983
1984	11.6	9.84	8.61	66.2	86.7	69.1	64.4	24.6	9.66	14.0	21.0	18.7	36.6	1984
1985	13.1	8.96	7.66	51.6	80.6	40.0	27.1	62.0	22.6	64.1	64.6	23.3	38.7	1985
1986	10.6	7.06	6.62	76.6	100	24.6	17.2	7.63	9.11	46.6	46.0	16.9	30.7	1986
1987	9.61	8.66	8.96	49.4	36.1	23.3	66.9	---	---	---	---	---	---	1987
MEAN	12.1	9.41	9.02	46.2	132	60.6	33.3	16.9	21.6	33.1	31.6	20.1	36.1	MEAN

LOCATION - LAT 48 46 30 N DRAINAGE AREA, 3 280 km^2
LONG 84 24 24 W NATURAL FLOW

REMARKS - STATION DISCONTINUED AUG 11 1987

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	340 ON MAY 5 *	5.41 ON AUG 31	1 130 000	1951
1952	---	122 ON APR 25	7.31RB ON MAR 24	948 000	1952
1953	---	288 ON MAY 10	7.31 ON SEP 18	1 240 000	1953
1954	---	259 ON MAY 15	8.92 ON SEP 18	1 300 000	1954
1955	---	155E ON MAY 5	2.49 ON SEP 9	732 000	1955
1956	---	217 ON MAY 21	6.57B ON MAR 30	1 030 000	1956
1957	---	246 ON APR 30	6.46B ON MAR 6	1 070 000	1957
1958	---	210 ON APR 24	6.84B ON MAR 16	1 330 000	1958
1959	---	235 ON MAY 9	1.81 ON SEP 19 *	1 010 000	1959
1960	---	300 ON MAY 19	5.63RB ON APR 8	1 180 000	1960
1961	---	262 ON MAY 18	8.08RB ON MAR 17	1 460 000	1961
1962	---	163 ON MAY 21	8.44B ON FEB 22	1 190 000	1962
1963	---	165 ON MAY 25	9.10 ON AUG 18	820 000	1963
1964	---	235 ON MAY 4	4.02RB ON MAR 2	1 480 000	1964
1965	185 AT 15:00 EST ON MAY 11	184 ON MAY 11	8.43 ON AUG 15	1 150 000	1965
1966	308 AT 06:00 EST ON MAY 25 *	306 ON MAY 25	8.78B ON MAR 7	1 570 000	1966
1967	235 AT 01:00 EST ON MAY 22	232 ON MAY 22	9.27 ON SEP 21	1 240 000	1967
1968	146 AT 22:00 EST ON APR 25	145 ON APR 26	8.63B ON MAR 11	1 240 000	1968
1969	210 AT 15:00 EST ON MAY 5	209 ON MAY 5	7.70 ON SEP 3	1 010 000	1969
1970	184 AT 04:26 EST ON MAY 5	182 ON MAY 5	8.82 ON AUG 19	912 000	1970
1971	172 AT 16:10 EST ON MAY 29	172 ON MAY 29	5.66B ON APR 10	1 180 000	1971
1972	188 AT 08:00 EST ON MAY 5	187 ON MAY 6	10.0 B ON APR 14	1 040 000	1972
1973	163 AT 03:00 EST ON MAY 13	163 ON MAY 13	7.36B ON MAR 1	1 150 000	1973
1974	189 AT 05:00 EST ON MAY 15	188 ON MAY 15	8.78B ON MAR 31	1 410 000	1974
1975	159 AT 17:44 EST ON MAY 5	158 ON MAY 5	4.05 ON SEP 7	882 000	1975
1976	206 AT 22:15 EST ON APR 24	207 ON APR 24	5.65B ON MAR 9	831 000	1976
1977	231 AT 22:30 EST ON APR 24	230 ON APR 25	7.65B ON MAR 1	1 250 000	1977
1978	207 AT 15:27 EST ON MAY 17	206 ON MAY 17	6.23B ON MAR 8	1 020 000	1978
1979	295 AT 05:46 EST ON MAY 15	282 ON MAY 15	5.38B ON MAR 9	1 510 000	1979
1980	253 AT 05:56 EST ON MAY 5	252 ON MAY 5	6.08B ON MAR 31	1 080 000	1980
1981	167 AT 15:52 EST ON MAY 5	166 ON MAY 5	2.75 ON SEP 7	616 000	1981
1982	195 AT 05:59 EST ON MAY 5	193 ON MAY 5	5.60B ON MAR 9	1 280 000	1982
1983	---	228B ON MAY 3	4.43 ON AUG 25	1 210 000	1983
1984	152 AT 04:54 EST ON MAY 4	152 ON MAY 4	7.56 ON SEP 23	1 150 000	1984
1985	206 AT 23:00 EST ON APR 25	204 ON APR 25	7.00B ON APR 11	1 120 000	1985
1986	177 AT 19:33 EST ON MAY 5	176 ON MAY 5	3.05B ON NOV 27	870 000	1986
1987	137 AT 21:00 EST ON JUL 28	137 ON JUL 28	---	---	1987
				1 140 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.316	0.682	0.767	1.01	---	1965
1966	0.468	1.21	1.90	0.720	0.516	0.376	0.274	0.309	0.381	0.344	0.777	1.09	0.694	1966
1967	0.833	0.588	1.31	1.18	0.719	0.555	0.464	0.332	0.508	0.724	0.978	0.901	0.758	1967
1968	0.752	1.62	1.73	0.733	0.734	0.538	0.358	0.343	0.424	0.427	0.728	0.803	0.748	1968
1969	1.37	0.880	1.76	1.54	0.868	0.573	0.559	0.371	0.301	0.404	0.740	0.905	0.827	1969
1970	0.407	0.882	2.58	1.80	0.787	0.619	0.480	0.324	0.383	0.827	0.848	0.873	0.877	1970
1971	0.575	0.834	1.17	2.76	0.727	0.523	0.456	0.436	0.583	0.810	0.575	0.886	0.848	1971
1972	0.901	0.412	0.827	3.03	0.836	0.842	0.556	0.553	0.480	0.825	0.812	1.12	0.813	1972
1973	1.17	1.11	2.33	1.86	1.13	0.686	0.473	0.481	0.481	0.809	0.875	0.842	0.886	1973
1974	0.886	0.852	1.78	1.83	1.14	0.803	0.882	0.536	0.545	0.837	0.784	0.780	0.943	1974
1975	1.01	1.17	2.44	1.36	0.746	0.643	0.450	0.385	0.537	0.515	0.585	0.850	0.878	1975
1976	0.431	1.36	2.82	1.22	0.826	0.621	0.894	0.454	0.481	0.541	0.462	0.336	0.858	1976
1977	0.188	0.378	1.73	0.810	0.486	0.421	0.376	0.526	0.611	0.873	0.887	0.850	0.673	1977
1978	1.21	0.864	0.885	2.84	1.16	0.458	0.451	0.487	0.574	0.580	0.720	0.803	0.885	1978
1979	0.404	0.308	2.83	1.58	0.773	0.478	0.440	0.434	0.448	0.577	0.848	0.723	0.808	1979
1980	0.850	0.361	3.31	1.42	0.527	0.520	0.855	0.387	0.448	0.805	0.804	2.842	0.884	1980
1981	0.488	2.48	0.822	0.812	0.828	0.485	0.413	0.435	0.672	0.858	0.848	0.953	0.742	1981
1982	0.853	0.483	1.15	3.22	1.03	0.842	0.455	0.581	0.578	0.577	0.814	2.807	0.940	1982
1983	0.778	1.42	1.03	1.28	1.18	0.542	0.372	0.361	0.388	0.828	0.746	0.705	0.782	1983
1984	0.488	2.14	1.77	1.97	1.22	0.742	0.557	0.431	0.488	0.458	0.585	0.644	0.948	1984
1985	0.258	0.801	1.93	1.37	0.726	0.650	0.518	0.487	0.568	0.805	1.24	0.817	0.848	1985
1986	0.766	0.569	1.88	1.05	0.773	0.674	0.421	0.815	0.935	0.796	0.886	1.12	0.851	1986
1987	0.720	0.833	1.84	1.85	0.820	0.624	0.418	0.435	0.648	0.881	0.767	0.859	0.773	1987
1988	0.851	1.03	1.58	0.932	0.867	0.385	0.301	0.288	0.380	0.472	0.817	0.723	0.871	1988
MEAN	0.713	0.980	1.78	1.58	0.825	0.590	0.478	0.438	0.501	0.581	0.749	0.783	0.831	MEAN

LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 84.8 km^2
NATURAL FLOW

SHELTER VALLEY BROOK NEAR CRAFTON - STATION NO. 02HD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	10.0 B ON MAR 1	0.227 ON JUL 17	21 800	1966
1967	11.6 AT 01:45 EST ON APR 3	5.04 ON APR 3	0.263 ON AUG 14	23 800	1967
1968	15.5 B AT 20:00 EST ON FEB 2	6.408 ON MAR 18	0.263 ON JUL 29	23 600	1968
1969	16.1 AT 23:35 EST ON MAR 24	8.98 ON MAR 25	0.272 ON SEP 4	26 100	1969
1970	---	8.50E ON MAR 20	0.280 ON AUG 16	27 700	1970
1971	8.01 AT 20:52 EST ON APR 13	6.34 ON APR 13	0.300 ON AUG 31	26 800	1971
1972	12.0 AT 21:20 EST ON APR 14	5.51 ON APR 13	0.2978 ON FEB 8	28 800	1972
1973	17.1 AT 20:00 EST ON MAR 17	8.658 ON MAR 4	0.362 ON SEP 9	31 100	1973
1974	---	9.91 ON JUL 3	0.2978 ON JAN 16	28 700	1974
1975	30.0 AT 00:21 EST ON MAR 20	15.8 ON MAR 20	0.364 ON AUG 12	27 800	1975
1976	18.5 AT 11:00 EST ON MAR 21	13.8 ON MAR 21	0.2818 ON DEC 31	17 100	1976
1977	18.1 AT 08:57 EST ON MAR 13	9.20 ON MAR 13	0.1308 ON JAN 27 *	21 200	1977
1978	8.47 AT 18:44 EST ON APR 21	5.78 ON APR 7	0.377 ON JUN 30	27 800	1978
1979	15.0 AT 08:57 EST ON MAR 14	10.0 ON MAR 14	0.2308 ON FEB 12	25 800	1979
1980	74.0 E AT 14:35 EST ON MAR 21 *	43.0 E ON MAR 21 *	0.3178 ON MAR 13	27 300	1980
1981	---	11.7 B ON FEB 20	0.311 ON JUL 18	23 400	1981
1982	23.4 AT 18:37 EST ON APR 3	12.3 ON APR 3	0.190E ON AUG 18	28 600	1982
1983	28.7 AT 00:42 EST ON FEB 3	11.2 E ON FEB 3	0.303 ON AUG 21	24 700	1983
1984	23.3 AT 10:11 EST ON APR 5	16.1 B ON FEB 14	0.382 ON JUL 24	30 000	1984
1985	15.4 AT 11:46 EST ON MAR 12	8.58 ON MAR 12	0.2058 ON FEB 11	25 700	1985
1986	22.2 AT 15:48 EST ON MAR 19	12.7 ON MAR 19	0.348 ON JUL 10	28 800	1986
1987	10.6 AT 21:37 EST ON APR 4	6.83 ON APR 5	0.322 ON JUL 27	24 400	1987
1988	---	10.3 B ON MAR 26	0.228 ON AUG 13	21 200	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		25 200	MEAN

SNIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	0.748	---	---	---	---	---	---	---	---	---	1957
1958	---	---	1.84	0.479	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	0.795	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.835	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.387	0.348	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.057	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.068	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.305	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.708	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	0.238	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	0.450	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.187	---	---	---	---	---	---	---	---	---	1968
1969	---	---	0.811	---	---	---	---	---	---	---	---	---	---	1969
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
MEAN	---	---	0.838	0.441	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 18 19 N DRAINAGE AREA, 33.7 km^2
LONG 81 46 00 W NATURAL FLOW

SNIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	3.20 ON APR 5	---	---	1957
1958	---	8.78 ON MAR 1	---	---	1958
1959	---	4.84 ON APR 3	---	---	1959
1960	---	11.6 ON MAR 30	---	---	1960
1961	---	3.04 ON APR 26	---	---	1961
1962	---	2.83 ON MAR 18	---	---	1962
1963	---	4.22 ON MAR 27	---	---	1963
1964	---	2.82 ON APR 8	---	---	1964
1965	---	12.8 ON MAR 9 *	---	---	1965
1966	---	1.45 ON MAR 9	---	---	1966
1967	---	6.44 ON MAR 27	---	---	1967
1968	---	2.44 ON NOV 29	---	---	1968
1969	---	3.45 ON APR 5	---	---	1969
1972	2.09 AT 08:10 EST ON MAR 13 *	1.81 ON MAR 13	---	---	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02CC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.200	0.263	0.487	0.418	0.207	0.158	0.122	0.088	0.115	0.152	0.318	0.311	0.235	1970
1971	0.177	0.826	0.668	0.350	0.180	0.135	0.078	0.085	0.118	0.121	0.134	0.180	0.238	1971
1972	0.228	0.121	1.13	0.841	0.311	0.184	0.107	0.148	0.136	0.180	0.319	0.471	0.333	1972
1973	0.268	0.261	1.08	0.444	0.323	0.362	0.132	0.176	0.118	0.163	0.287	0.328	0.331	1973
1974	0.822	0.437	0.828	0.482	0.518	0.232	0.167	0.123	0.138	0.148	0.238	0.247	0.320	1974
1975	0.485	0.469	0.717	0.387	0.216	0.365	0.110	0.238	0.410	0.218	0.287	0.392	0.357	1975
1976	0.329	0.868	1.35	0.481	0.339	0.204	0.239	0.180	0.143	0.185	0.186	0.175	0.385	1976
1977	0.148	0.241	1.00	0.618	0.193	0.148	0.154	0.185	0.811	0.406	0.268	0.898	0.413	1977
1978	0.329	0.231	1.16	0.714	---	---	---	---	---	---	---	---	---	1978
MEAN	0.301	0.404	0.912	0.487	0.288	0.223	0.150	0.152	0.324	0 194	0.285	0.378	0.328	MEAN

LOCATION - LAT 42 41 38 N LONG 80 58 03 W
DRAINAGE AREA, 27.2 km²
REGULATED

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02CC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	2.86 AT 18:30 EST ON APR 2	1.88 ON APR 3	0.057 ON AUG 7	7 410	1970
1971	5.97 AT 16:56 EST ON FEB 27	4.33 ON FEB 27	0.026 ON AUG 4 *	7 430	1971
1972	10.4 AT 01:55 EST ON MAR 2	6.85 ON MAR 2	0.0868 ON FEB 12 *	10 500	1972
1973	9.63 AT 20:21 EST ON MAR 11	3.82 ON MAR 11	0.078 ON JUL 18	10 400	1973
1974	3.88 AT 21:16 EST ON FEB 22	2.86 ON MAR 5	0.082 ON JUL 28	10 100	1974
1975	3.00 AT 03:33 EST ON JUN 5	2.38 ON FEB 24	0.081 ON JUL 30	11 200	1975
1976	---	5.50E ON MAR 5 *	0.105 ON MAY 27	12 500	1976
1977	8.76 AT 09:13 EST ON SEP 26	5.13 ON SEP 26	0.085 ON JUL 27	13 000	1977
1978	13.5 AT 17:35 EST ON MAR 21 *	3.10 ON MAR 21	---	---	1978
				10 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	0.522	0.832	18.2	11.4	2.58	---	1965
1966	2.43	1.44	2.07	43.0	37.0	14.1	1.98	1.46	1.46	1.28	1.84	8.40	8.57	1966
1967	5.75	4.82	13.8	18.4	8.50	3.49	1.87	0.480	1.33	---	---	---	---	1967
1968	---	---	8.30	25.4	8.84	2.09	0.784	---	---	0.418	0.908	1.22	---	1968
1969	1.89	3.11	8.07	39.9	11.1	1.52	0.686	0.439	0.343	1.33	5.37	8.27	8.84	1969
1970	3.82	6.89	5.26	58.1	15.6	3.79	0 787	0 248	0.362	0.788	0.478	0.867	8.01	1970
1971	0.405	0.508	4.33	17.5	18.9	7.58	2.02	0.550	0.276	1.28	0.348	2.35	4.88	1971
1972	1.43	0.870	10.7	33.8	7.79	2.16	0.630	0.255	0.330	1.61	9.35	8.51	8.61	1972
1973	3.68	2.85	11.7	33.8	11.8	3.16	0.308	0.181	0.188	0.188	4.37	8.94	8.83	1973
1974	8.29	4.87	12.4	18.5	11.9	3.03	0.482	0.177	1.38	0.815	0.484	3.42	5.18	1974
1975	3.43	7.86	7.89	35.4	14.4	2.16	0.645	0.401	1.16	8.28	18.8	18.4	8.84	1975
1976	10.3	4.33	21.2	14.8	10.2	5.43	0.723	0.228	0.471	1.32	10.7	28.0	8.84	1976
1977	6.26	7.28	7.28	31.1	10.8	4.56	5.48	1.72	1.80	12.2	22.4	14.1	10.8	1977
1978	7.86	8.08	18.8	18.8	8.08	8.88	3.83	0.878	0.837	0.823	3.21	8.80	8.87	1978
1979	8.70	10.3	18.3	34.2	31.8	8.85	1.86	0.838	1.88	0.457	3.38	4.87	8.78	1979
1970	2.46	3.28	8.11	31.7	15.2	3.83	2.88	1.73	0.732	0.804	4.36	8.85	8.87	1970
1971	4.83	4.70	8.31	44.8	14.8	2.28	1.80	1.41	1.82	1.70	2.42	8.81	8.12	1971
1972	8.08	8.31	8.29	41.2	25.8	8.44	7.07	3.88	1.80	3.88	14.1	13.0	11.4	1972
1973	16.8	11.8	38.1	25.1	10.2	3.18	1.40	1.22	0.821	0.888	3.37	7.88	10.0	1973
1974	11.4	8.58	18.7	37.7	28.9	4.88	1.38	1.14	1.28	1.87	6.83	7.88	10.4	1974
1975	8.18	8.74	30.8	35.3	13.4	2.41	1.03	0.881	0.358	0.357	0.484	4.31	7.78	1975
1976	4.04	8.38	32.8	37.0	8.78	2.37	0.885	0.767	0.675	1.08	2.33	2.78	8.44	1976
1977	2.70	2.78	28.3	17.0	3.44	1.01	0.288	1.47	1.22	1.83	4.08	13.3	8.88	1977
1978	12.7	8.88	8.80	44.2	18.4	2.08	0.785	0.717	0.855	0.845	3.82	7.18	8.83	1978
1979	8.48	8.40	33.8	38.4	13.0	4.38	0.888	0.844	0.884	1.82	8.82	18.8	11.0	1979
1980	11.8	3.30	21.8	28.7	11.8	3.78	1.48	0.887	0.871	2.83	8.87	11.2	8.73	1980
1981	3.88	34.3	21.4	11.1	7.82	7.32	2.88	1.8.	8.71	8.88	13.5	7.87	10.8	1981
1982	8.82	3.18	8.87	40.0	10.8	4.38	1.48	1.08	0.803	0.838	8.18	24.3	8.18	1982
1983	13.8	8.87	17.8	21.8	28.4	8.78	0.882	0.818	0.388	0.478	2.88	10.1	8.82	1983
1984	8.88	22.3	18.8	41.4	17.7	2.88	0.788	0.771	0.811	0.838	3.44	8.37	8.81	1984
1985	8.84	8.48	27.3	28.3	7.84	1.80	1.02	0.788	3.11	3.08	18.0	8.58	8.88	1985
1986	8.71	8.48	18.8	18.8	7.83	8.78	2.81	4.44	10.8	22.8	7.78	8.87	10.7	1986
1987	8.27	4.83	18.8	38.4	3.71	3.32	1.13	0.487	0.838	3.18	8.41	11.8	7.82	1987
1988	7.38	11.3	18.8	28.7	8.88	1.14	0.808	0.788	0.718	2.48	3.44	4.48	8.88	1988
MEAN	8.82	7.32	18.8	30.8	13.3	4.13	1.88	1.83	1.48	3.33	8.13	8.84	8.41	MEAN

LOCATION - LAT 44 32 88 N LONG 77 18 48 W
DRAINAGE AREA, 712 km²
NATURAL FLOW

REMARKS - SEASONAL REGULATION

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	82.8 ON APR 7	0.170 ON NOV 10	271 000	1956
1957	---	91.7 ON APR 7	0.170 ON AUG 31	---	1957
1958	---	---	---	---	1958
1959	---	84.0 ON APR 8	0.286 ON OCT 1	208 000	1959
1960	---	75.0 ON APR 14	0.183 ON SEP 29	254 000	1960
1961	---	36.3 ON MAY 21	0.158 ON AUG 17	148 000	1961
1962	---	84.8 ON MAR 30	0.078 ON JUL 18	177 000	1962
1963	---	74.5 ON MAR 31	0.082 ON AUG 4	177 000	1963
1964	28.6 AT 18:00 EST ON APR 15	26.0 ON APR 15	0.017 ON AUG 10 *	184 000	1964
1965	75.3 AT 22:00 EST ON APR 13	71.4 ON APR 13	0.184E ON AUG 24	304 000	1965
1966	58.3 AT 08:00 EST ON DEC 9	56.9 ON DEC 8	0.125 ON AUG 1	278 000	1966
1967	56.4 AT 18:00 EST ON APR 3	55.5 ON APR 3	0.314 ON SEP 14	334 000	1967
1968	51.8 AT 01:50 EST ON MAR 28	50.4 ON MAR 28	0.181 ON OCT 5	311 000	1968
1969	77.9 AT 08:20 EST ON MAY 20	76.3 ON MAY 20	0.108 ON OCT 15	308 000	1969
1970	45.3 AT 23:00 EST ON APR 10	43.6 ON APR 10	0.384 ON OCT 11	307 000	1970
1971	89.7 AT 14:33 EST ON APR 14	86.6 ON APR 14	0.860 ON AUG 11	258 000	1971
1972	83.8 AT 08:34 EST ON APR 18	83.0 ON APR 18	0.800 ON SEP 23	380 000	1972
1973	80.4 AT 01:00 EST ON MAR 19	76.5 ON MAR 19	0.513 ON OCT 23	316 000	1973
1974	85.2 AT 19:48 EST ON APR 5	81.8 ON APR 5	0.328 ON JUL 21	328 000	1974
1975	82.7 AT 21:19 EST ON APR 20	77.8 ON APR 20	0.144 ON OCT 11	245 000	1975
1976	109 AT 08:16 EST ON APR 2	107 ON APR 2	0.311 ON JUL 18	287 000	1976
1977	78.3 AT 03:31 EST ON MAR 15	69.7 ON MAR 15	0.227 ON JUL 27	208 000	1977
1978	88.1 AT 08:36 EST ON APR 22	86.8 ON APR 22	0.430 ON SEP 9	282 000	1978
1979	---	74.5A ON MAR 26	0.282 ON OCT 4	346 000	1979
1980	118 AT 23:27 EST ON MAR 22	102 ON MAR 22	0.596 ON OCT 1	278 000	1980
1981	135 AT 02:50 EST ON FEB 25 *	130 ON FEB 25 *	0.730 ON AUG 26	333 000	1981
1982	60.5 AT 10:04 EST ON APR 22	59.7 ON APR 22	0.516 ON SEP 22	290 000	1982
1983	42.8 AT 07:36 EST ON MAY 5	41.3 ON MAY 4	0.269E ON SEP 28	285 000	1983
1984	85.3 AT 08:57 EST ON APR 7	82.7 ON APR 7	0.388 ON OCT 13	304 000	1984
1985	48.5 AT 12:17 EST ON MAR 14	48.3 ON MAR 14	0.685 ON AUG 7	306 000	1985
1986	47.8 AT 21:04 EST ON MAR 28	46.2 ON MAR 28	1.34 ON JUL 25	337 000	1986
1987	88.1 AT 11:35 EST ON APR 8	84.7 ON APR 8	0.385 ON AUG 28	237 000	1987
1988	---	86.3 ON MAR 27	0.251 ON JUL 10	208 000	1988

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

255 000 MEAN

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	3.01	0.867	0.293	0.182	0.272	0.304	0.484	0.810	0.843	---	1959
1960	0.917	1.13	0.834	3.88	2.38	0.888	0.415	0.308	0.388	0.404	0.888	0.387	1.00	1960
1961	0.185	0.880	0.875	1.14	0.788	0.880	0.424	0.430	0.384	0.338	0.801	0.807	0.803	1961
1962	0.444	0.423	1.80	0.885	0.382	0.255	0.218	2.753	0.282	0.470	0.808	0.818	0.883	1962
1963	0.388	0.388	1.40	0.830	0.827	0.350	0.278	0.335	0.255	0.381	0.388	0.280	0.481	1963
1964	0.788	0.488	0.821	0.837	0.483	0.308	0.837	0.340	0.272	0.332	0.381	0.838	0.823	1964
1965	0.478	1.58	1.07	1.87	0.806	0.288	0.343	0.231	0.285	0.802	1.13	1.18	0.788	1965
1966	0.820	0.880	1.32	0.875	0.868	0.376	0.188	0.298	0.289	0.284	0.834	1.68	0.888	1966
1967	1.31	0.890	2.10	1.82	0.881	0.525	0.820	0.440	0.330	---	---	---	---	1967
1968	---	---	---	---	---	---	0.238	0.332	0.387	0.381	0.888	0.880	---	1968
1969	2.88	0.858	1.47	1.88	0.888	0.878	0.483	0.808	0.365	0.434	0.737	0.772	1.00	1969
1970	0.473	1.10	2.38	1.82	0.781	0.405	0.378	0.317	0.370	0.838	0.874	0.788	0.784	1970
1971	0.478	1.81	1.71	2.84	0.477	0.431	0.318	0.283	0.328	0.358	0.478	0.884	0.813	1971
1972	0.832	0.488	1.38	4.22	0.888	0.481	0.428	0.402	0.378	0.851	0.908	1.38	1.01	1972
1973	1.38	1.25	3.08	1.88	1.12	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	0.458	0.280	0.249	0.283	0.380	0.508	0.841	---	1974
1975	0.817	1.44	2.88	1.24	1.47	0.814	0.449	0.410	0.405	0.458	0.437	0.348	0.888	1975
1976	0.262	0.338	2.38	1.20	0.882	0.380	0.218	0.443	0.813	0.785	1.30	1.38	0.824	1976
1977	1.44	0.831	2.50	4.82	1.24	0.433	0.308	0.386	0.521	0.585	0.833	0.843	1.18	1977
1978	0.446	0.343	1.91	1.85	0.880	0.418	0.288	0.388	0.343	0.482	0.737	0.888	0.734	1978
1979	0.883	0.344	4.32	2.28	0.828	0.805	0.870	0.455	0.540	0.723	0.785	0.884	1.08	1979
1980	0.298	3.34	1.01	0.875	0.840	0.480	0.417	0.484	0.736	1.01	1.02	0.858	0.883	1980
1981	0.838	0.455	3.18	2.43	0.882	1.21	0.481	0.381	0.441	0.488	0.838	1.23	1.05	1981
1982	0.855	1.33	1.37	1.84	1.48	0.488	0.288	0.353	0.324	0.804	0.884	1.31	0.888	1982
1983	0.832	2.43	1.78	2.08	0.838	0.421	0.348	0.432	0.581	0.470	0.773	0.828	0.958	1983
1984	0.311	2.48	2.32	1.78	0.773	0.505	0.428	0.372	0.428	0.480	3.08	0.803	1.04	1984
1985	0.848	0.832	2.15	1.15 R	0.878	0.888	0.417	1.15 R	2.15 R	1.43	1.17	1.83 R	1.15 R	1985
1986	0.880	0.834	3.78	1.48	0.887	---	---	---	---	---	---	---	---	1986
MEAN	0.727	1.04	1.85	1.88 R	0.818	0.503	0.371	0.383R	0.482R	0.528	0.812	0.871R	0.880R	MEAN

LOCATION - LAT 43 54 08 N LONG 78 40 21 W

DRAINAGE AREA, 77.7 km^2 NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - STATION DISCONTINUED JUN 15 1987

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	21.0 ON MAY 9	0.088 ON AUG 4	31 700	1960
1961	---	4.81 ON DEC 5	0.0578 ON JAN 21 *	18 000	1961
1962	---	8.01 ON NOV 10	0.187 ON JUL 15	17 400	1962
1963	---	3.548 ON MAR 27	0.185 ON AUG 8	14 200	1963
1964	---	5.24 ON DEC 25	0.224 ON AUG 11	16 500	1964
1965	---	11.2 ON APR 12	0.178 ON AUG 18	24 200	1965
1966	55.6B AT 03:15 EST ON MAR 1 *	12.1 ON DEC 7	0.173E ON JUL 18	22 000	1966
1967	---	8.26 ON APR 3	0.269E ON SEP 14	---	1967
1968	---	---	---	---	1968
1969	30.0 AT 23:20 EST ON JAN 30	16.4 ON JAN 30	0.249 ON JUL 24	31 600	1969
1970	10.6 AT 20:48 EST ON APR 2	7.08B ON MAR 20	0.285 ON AUG 9	25 000	1970
1971	18.1 AT 20:28 EST ON APR 2	14.6 ON APR 2	0.190 ON AUG 7	26 800	1971
1972	32.3 AT 11:00 EST ON APR 13	18.2 ON APR 13	0.238 ON SEP 7	31 800	1972
1973	22.7 AT 20:36 EST ON APR 1	14.9 B ON MAR 4	---	---	1973
1974	---	---	0.138 ON AUG 2	---	1974
1975	26.5 AT 20:24 EST ON MAR 20	15.8 ON MAR 21	0.2158 ON DEC 8	28 100	1975
1976	36.8 AT 08:56 EST ON MAR 13	17.5 ON MAR 13	0.2488 ON FEB 7	28 000	1976
1977	---	14.7 E ON APR 7	0.235 ON JUL 15	27 100	1977
1978	21.0E AT 17:00 EST ON APR 2	7.48E ON APR 2	0.226 ON JUL 21	23 200	1978
1979	---	69.7 E ON MAR 21 *	0.0808 ON FEB 1	34 600	1979
1980	---	23.3 B ON FEB 20	0.272 ON JUL 14	27 800	1980
1981	---	16.7 ON APR 3	0.293 ON AUG 16	33 000	1981
1982	46.7 AT 15:53 EST ON APR 3	11.6 ON FEB 3	0.242 ON JUL 27	28 000	1982
1983	62.0 AT 00:12 EST ON FEB 3	25.0 B ON FEB 14	0.273 ON JUL 25	30 000	1983
1984	---	---	---	---	1984
1985	26.2B AT 18:00 EST ON FEB 24	23.5 B ON FEB 24	0.276 ON AUG 3	32 700	1985
1986	36.1R AT 05:26 EST ON AUG 27	14.4 R ON SEP 11	0.316 ON JUL 23	37 100R	1986
1987	---	13.0 B ON MAR 2	---	---	1987
				27 100R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	12.4	8.36	14.5	18.2	---	1941
1942	13.2	14.0	24.5	45.5	44.8	24.6	12.7	11.7	12.1	11.4	16.3	21.8	21.2	1942
1943	17.8	27.4	35.2	33.4	91.5	24.0	16.8	16.5	14.4	16.8	13.8	15.7	27.0	1943
1944	17.7	15.4	10.8	10.9	16.8	11.5	11.0	12.0	12.4	13.8	16.1	19.7	14.0	1944
1945	15.3	13.8	27.3	32.8	31.1	31.9	14.1	13.2	12.8	14.8	16.8	19.1	20.2	1945
1946	25.2	36.2	36.4	19.0	11.8	14.8	14.1	13.2	11.5	10.8	11.6	15.2	16.6	1946
1947	20.3	28.3	33.5	80.5	86.4	46.0	18.4	14.8	13.7	11.8	11.5	11.8	28.4	1947
1948	11.8	13.8	28.7	61.0	32.5	17.6	12.7	16.0	10.8	8.74	13.5	21.8	20.7	1948
1949	22.6	36.7	33.4	66.9	21.9	13.9	13.4	13.5	11.1	8.41	9.07	9.80	21.2	1949
1950	37.7	43.6	27.1	33.7	24.7	11.6	10.0	11.4	12.1	9.96	10.7	16.8	20.7	1950
1951	23.6	26.6	31.2	92.9	62.6	10.1	8.55	9.33	8.37	9.10	36.7	36.6	28.6	1951
1952	28.3	26.7	24.7	58.2	28.2	16.3	8.75	9.89	12.6	12.0	7.72	11.8	20.9	1952
1953	13.1	23.6	47.3	46.0	22.6	12.4	12.0	15.0	11.2	8.88	8.18	8.83	18.6	1953
1954	8.64	13.8	33.3	50.6	23.4	24.7	7.83	9.86	15.6	54.3	33.7	16.8	24.2	1954
1955	20.6	35.8	24.6	56.6	16.2	7.38	7.08	7.46	6.86	7.49	20.7	10.7	18.4	1955
1956	14.3	23.5	23.6	18.0	44.4	22.1	26.3	12.6	21.2	21.1	14.3	20.1	21.6	1956
1957	18.9	31.6	29.6	24.4	10.6	21.6	67.6	13.7	17.6	12.3	39.2	63.6	27.6	1957
1958	48.0	26.6	26.4	12.3	2.81	6.69	9.39	10.4	13.4	12.4	16.2	20.0	17.2	1958
1959	18.7	23.1	28.2	43.9	48.3	15.3	8.80	12.1	15.5	15.2	35.6	31.6	24.7	1959
1960	25.4	24.0	25.6	72.0	49.2	19.8	18.7	11.5	26.8	10.7	13.6	12.3	25.8	1960
1961	10.6	12.6	19.6	27.1	23.0	16.1	15.4	12.3	12.3	14.3	8.84	10.8	15.2	1961
1962	14.2	24.0	14.1	18.9	15.6	4.21	2.91	6.36	10.8	22.4	9.13	15.4	13.1	1962
1963	14.8	12.6	16.4	27.6	26.3	13.0	4.24	8.16	17.3	16.9	13.0	17.0	15.9	1963
1964	17.2	22.4	16.2	10.6	18.6	7.84	4.28	5.36	10.6	13.3	9.32	14.6	12.7	1964
1965	28.9	23.6	22.2	26.6	46.7	7.26	4.67	10.7	26.2	62.0	30.2	67.7	28.8	1965
1966	33.0	27.6	26.7	34.6	21.2	16.4	8.96	8.66	12.6	14.7	36.3	85.8	28.6	1966
1967	28.6	33.6	26.9	42.6	14.1	79.2	20.0	13.3	26.8	32.9	82.6	29.9	30.3	1967
1968	28.7	41.7	32.8	22.6	4.88	3.60	8.02	12.8	22.6	16.6	8.11	18.3	17.8	1968
1969	21.2	24.1	31.0	38.6	46.6	17.9	12.3	8.66	10.4	18.6	27.6	23.7	23.3	1969
1970	20.2	22.2	32.3	26.3	43.6	13.6	48.9	20.4	11.2	30.9	21.3	26.6	26.9	1970
1971	18.7	27.3	36.1	47.6	33.6	11.1	6.18	5.79	13.2	7.66	6.36	10.4	16.7	1971
1972	18.2	24.0	31.6	40.1	64.3	16.6	26.1	31.6	16.0	24.7	31.6	21.6	28.2	1972
1973	28.6	40.6	67.3	66.6	34.7	31.6	17.6	16.6	16.6	16.6	10.7	26.6	28.6	1973
1974	26.9	33.3	40.6	67.1	64.7	18.7	7.64	6.63	12.3	28.1	26.4	22.6	28.7	1974
1975	20.3	23.1	40.1	36.6	31.6	4.62	3.38	6.06	13.6	20.1	10.4	32.0	20.0	1975
1976	25.0	27.6	60.6	69.1	24.0	8.46	16.6	6.31	6.16	11.6	8.17	12.9	22.4	1976
1977	15.4	13.6	41.6	38.7	13.6	4.04	3.04	3.28	14.4	33.7	24.1	27.6	18.6	1977
1978	28.7	18.6	27.7	26.1	63.4	11.3	3.97	6.32	18.7	26.6	14.7	21.4	21.6	1978
1979	21.6	30.7	60.1	67.4	44.7	16.6	6.02	6.62	23.1	26.3	43.1	40.1	30.6	1979
1980	30.2	26.1	23.0	76.6	20.6	22.6	17.0	22.6	24.3	33.6	30.3	24.3	28.3	1980
1981	20.6	37.1	62.6	31.6	22.3	13.6	6.24	3.86	61.6	37.6	14.6	16.7	26.4	1981
1982	16.3	27.7	31.1	66.3	25.3	14.9	10.3	6.62	11.2	16.6	40.2	61.6	26.3	1982
1983	44.3	26.6	24.6	21.6	66.6	23.1	4.66	2.32	6.66	21.6	17.0	26.1	24.6	1983
1984	21.6	44.1	44.6	37.1	30.6	27.6	13.2	4.27	14.6	16.6	17.6	23.6	24.6	1984
1985	67.6	31.3	66.4	76.6	36.6	14.3	6.23	7.16	36.0	21.0	23.6	22.6	31.6	1985
1986	23.3	26.6	32.7	40.2	23.6	24.3	7.31	6.32	24.6	37.6	12.6	11.7	22.6	1986
1987	13.6	23.6	27.4	26.0	6.32	6.66	4.72	1.34	1.82	13.4	10.4	27.6	13.6	1987
1988	32.0	32.6	30.3	67.6	26.3	6.70	2.10	1.66	11.6	20.7	27.0	16.2	21.6	1988
MEAN	22.6	26.6	32.0	41.6	33.3	16.3	12.6	10.4	16.6	19.4	19.6	23.1	22.6	MEAN

LOCATION - LAT 45 08 50 N
LONG 78 08 50 W
DRAINAGE AREA, 1 380 km^2
REGULATED

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	79.6 ON MAY 26	5.76 ON JUL 8	589 000	1942
1943	---	108 ON MAY 18	6.21 ON SEP 10	851 000	1943
1944	---	23.5 ON MAY 10	7.02 ON APR 16	444 000	1944
1945	---	70.8 ON APR 1	5.89 ON APR 16	536 000	1945
1946	---	52.7 ON MAR 30	3.40 ON APR 21	563 000	1946
1947	---	103 ON MAY 4	9.97 ON NOV 8	927 000	1947
1948	---	77.8 ON APR 12	7.48 ON OCT 5	853 000	1948
1949	---	71.8 ON APR 17	3.45 ON JUL 8	889 000	1949
1950	---	58.7 ON FEB 1	5.89 ON JUN 23	653 000	1950
1951	---	116 ON APR 30	5.27 E ON JUN 16	932 000	1951
1952	---	83.5 ON APR 24	4.86 ON JUL 3	860 000	1952
1953	---	74.5 ON APR 3	4.86 ON OCT 17	582 000	1953
1954	---	86.4 ON OCT 22	6.74 ON JAN 1	785 000	1954
1955	---	87.8 ON APR 24	3.40 ON MAY 12	578 000	1955
1956	---	78.7 ON MAY 17	5.13 ON APR 26	680 000	1956
1957	---	126 ON JUL 6	0.510 ON MAY 7 *	872 000	1957
1958	---	88.0 ON JAN 1	2.04 ON MAY 23	542 000	1958
1959	---	89.8 ON MAY 3	4.86 ON JAN 21	779 000	1959
1960	---	117 ON APR 25	1.68 ON FEB 5	617 000	1960
1961	---	86.8 ON APR 29	5.27 ON MAY 13	478 000	1961
1962	---	31.7 ON MAY 9	1.72 ON JUL 20	414 000	1962
1963	---	55.2 ON APR 8	2.41 ON JUL 3	501 000	1963
1964	---	35.4 ON APR 26	0.510 ON APR 20	402 000	1964
1965	---	81.3 ON OCT 18	2.87 ON JUL 8	812 000	1965
1966	---	92.0 ON DEC 10	1.80 ON JUL 18	804 000	1966
1967	---	77.0R ON NOV 5	5.18 ON JUN 7	952 000	1967
1968	---	48.7 ON FEB 16	1.42 ON MAY 11	583 000	1968
1969	---	84.0 ON MAY 22	8.10 ON AUG 27	734 000	1969
1970	---	90.8 ON JUL 26	4.68 ON JUN 24	818 000	1970
1971	---	78.2 ON APR 26	3.11 ON JUN 24	591 000	1971
1972	---	87.5 ON MAY 10	4.18 ON SEP 26	824 000	1972
1973	---	76.4 ON APR 7	5.80 ON JUL 27	833 000	1973
1974	---	104 ON APR 25	1.81 ON JUL 26	905 000	1974
1975	---	76.2 ON MAY 5	2.41 ON JUL 13	830 000	1975
1976	---	112 ON APR 4	5.01 ON SEP 10	707 000	1976
1977	---	83.4 ON APR 4	2.41 ON JUL 30	814 000	1977
1978	---	85.7 ON MAY 8	3.23 ON JUL 12	881 000	1978
1979	---	95.8 ON APR 7	3.61 ON JUN 26	987 000	1979
1980	---	123 ON APR 18	2.02 ON JUL 16	826 000	1980
1981	---	81.2 ON SEP 8	2.82 ON AUG 3	833 000	1981
1982	---	100 ON APR 30	5.90 ON SEP 1	830 000	1982
1983	---	108 ON MAY 11	2.13 ON JUL 26	787 000	1983
1984	---	75.7 ON MAY 29	4.01 ON JUL 26	783 000	1984
1985	---	129 ON APR 26 *	2.95 ON JUL 23	1 000 000	1985
1986	---	81.3 ON APR 7	2.77 ON JUL 26	718 000	1986
1987	---	47.1 ON APR 6	1.23 ON AUG 2	439 000	1987
1988	---	86.9 ON APR 12	1.70 ON AUG 24	879 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		720 000	MEAN

E - ESTIMATED R - REVISED SINCE JAN 01 1987

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	26.3	7.22	7.08	6.87	8.44	13.3	---	1914
1915	19.2	17.3	16.8	49.8	35.8	24.8	15.0	15.7	14.6	17.8	16.3	17.8	22.9	1915
1916	22.3	37.2	26.6	84.0	80.0	55.6	21.6	10.4	8.86	8.64	19.4	41.7	34.8	1916
1917	35.0	22.1	16.8	71.1	61.8	49.7	36.8	19.6	13.8	12.8	15.8	26.8	32.0	1917
1918	11.8	13.1	16.2	48.8	48.0	41.8	26.2	9.63	11.8	26.6	36.8	31.2	26.8	1918
1919	33.4	23.1	29.0	69.1	66.8	43.8	21.8	8.78	7.62	16.1	46.9	49.1	33.8	1919
1920	26.1	16.6	23.8	61.9	44.8	32.3	22.1	8.42	8.74	8.83	16.6	23.8	23.4	1920
1921	33.3	25.7	62.2	102	61.8	27.7	8.72	6.69	8.18	8.82	8.28	10.3	28.7	1921
1922	17.2	17.4	17.2	46.8	52.8	31.6	16.8	10.1	8.28	7.87	7.72	11.0	23.8	1922
1923	13.9	16.4	26.7	66.8	60.7	41.8	33.1	11.9	8.01	7.42	8.00	16.1	26.7	1923
1924	26.2	23.1	30.2	62.6	77.0	44.2	30.6	10.6	8.66	8.70	8.84	10.8	27.0	1924
1925	8.89	11.8	25.2	78.6	34.3	24.6	11.7	18.9	6.84	7.23	17.6	21.3	23.0	1925
1926	11.6	11.2	14.3	36.4	68.2	60.1	30.6	26.3	16.7	17.6	66.6	61.8	32.4	1926
1927	21.7	20.0	30.4	38.7	38.3	46.8	26.2	21.6	16.3	16.6	21.7	43.6	28.3	1927
1928	28.1	27.6	63.2	103	64.6	34.4	32.0	24.2	30.3	62.9	66.2	41.2	46.6	1928
1929	26.0	36.3	67.8	105	101	47.2	26.0	---	---	---	---	---	---	1929
MEAN	22.4	21.3	29.2	66.6	59.6	41.0	24.4	13.9	11.2	15.2	22.7	27.2	29.2	MEAN

LOCATION - LAT 44 59 00 N LONG 79 15 02 W DRAINAGE AREA, 1 730 km^2 REGULATED

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	105 ON APR 15	14.2 ON FEB 18	723 000	1915
1916	---	127 R ON APR 28	7.83 ON OCT 13	1 100 000	1916
1917	---	103 ON APR 28	8.87R ON MAR 15	1 010 000	1917
1918	---	86.4R ON APR 27	7.83 ON AUG 16	845 000	1918
1919	---	92.0 ON APR 21	3.26 ON SEP 9	1 080 000	1919
1920	---	84.8 ON APR 4	4.19 ON OCT 22	739 000	1920
1921	---	135 ON APR 1	3.31 ON AUG 31	904 000	1921
1922	---	137 ON APR 21	8.83 ON OCT 3	743 000	1922
1923	---	86.8 ON MAY 23	7.05 ON OCT 19	643 000	1923
1924	---	105 ON MAY 24	2.83 ON SEP 18	853 000	1924
1925	---	86.8 ON APR 4	1.70 ON SEP 6 *	726 000	1925
1926	---	88.2 ON NOV 27	8.48 ON JUL 11	1 020 000	1926
1927	---	84.6 ON MAY 23	12.4 ON OCT 21	883 000	1927
1928	---	144 ON APR 8 *	14.4 ON AUG 16	1 440 000	1928
1929	---	121 ON MAY 4	---	---	1929
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		921 000	MEAN
		R - REVISED SINCE JAN 01 1987			

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	---	---	---	9.55	10.9	---	1929
1930	12.8	21.3	39.6	32.8	90.8	31.8	21.2	13.3	13.1	13.2	13.8	13.9	23.1	1930
1931	13.7	16.8	17.4	31.6	23.0	14.4	8.75	11.3	10.8	12.6	14.8	27.1	16.6	1931
1932	32.5	46.6	37.5	54.0	33.9	22.5	26.2	14.8	31.8	56.4	71.2	34.2	36.4	1932
1933	40.8	29.0	21.0	75.8	58.4	27.1	14.5	12.7	11.2	7.83	8.20	8.46	25.9	1933
1934	12.3	13.8	32.2	52.8	57.8	13.7	14.1	12.1	11.1	11.5	12.7	18.3	21.1	1934
1935	17.7	14.1	26.3	47.8	20.1	35.2	30.8	16.1	15.7	16.8	16.8	17.7	23.3	1935
1936	16.1	18.4	33.8	48.0	71.0	32.8	16.2	12.5	8.82	11.5	21.3	12.8	25.3	1936
1937	53.6	36.8	33.5	55.2	80.8	21.3	14.1	10.8	10.8	11.7	26.1	18.8	28.7	1937
1938	14.3	17.7	49.8	86.2	48.8	31.4	14.8	13.7	15.3	17.8	14.1	23.1	26.8	1938
1939	15.0	18.8	30.3	42.8	88.8	18.5	15.5	16.4	15.7	13.5	12.3	11.8	24.8	1939
1940	10.7	11.5	11.8	14.2	44.2	28.7	15.4	16.8	23.8	16.7	29.8	26.3	20.9	1940
1941	23.1	21.0	25.0	51.8	29.5	14.8	15.2	14.3	12.7	11.1	19.7	23.1	21.7	1941
1942	16.9	16.3	30.8	58.1	51.0	28.5	12.5	11.3	13.1	13.4	24.5	24.3	24.8	1942
1943	20.0	26.2	27.0	50.1	102	29.1	16.2	17.3	16.1	17.2	16.7	16.7	30.7	1943
1944	16.3	16.8	12.2	21.2	23.0	14.2	12.8	12.5	13.1	16.1	17.3	20.5	16.4	1944
1945	16.3	14.9	29.1	61.3	36.1	35.8	18.1	14.1	12.8	17.3	20.4	21.0	23.8	1945
1946	27.8	38.3	48.8	26.4	15.0	15.9	14.5	13.4	11.7	11.1	13.4	17.7	21.3	1946
1947	22.8	29.8	35.5	73.9	68.8	60.7	18.0	16.0	14.1	12.7	13.8	13.8	32.4	1947
1948	13.0	13.6	37.5	72.8	38.0	19.7	13.2	15.5	11.8	9.87	16.8	23.7	23.8	1948
1949	26.3	37.5	36.0	76.3	---	---	---	---	---	---	---	---	---	1949
MEAN	21.1	23.0	31.5	50.5	48.4	25.5	18.4	13.8	14.3	15.6	19.7	19.2	24.9	MEAN

LOCATION - LAT 44 59 30 N DRAINAGE AREA, 1 710 km^2
LONG 78 13 07 W REGULATED

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	---	---	---	1929
1930	---	72.6 ON MAY 8	10.0 ON DEC 18	728 000	1930
1931	---	40.8 ON APR 16	7.98 ON AUG 4	530 000	1931
1932	---	85.8 ON NOV 17	13.4 ON AUG 18	1 210 000	1932
1933	---	94.3 ON APR 12	4.76 ON DEC 14 *	815 000	1933
1934	---	71.1 ON MAY 3	8.17 ON OCT 28	687 000	1934
1935	---	73.3 ON JUN 28	12.2 ON OCT 28	734 000	1935
1936	---	83.4 ON MAY 6	8.61 ON SEP 10	798 000	1936
1937	---	85.5 ON MAY 1	8.78 ON AUG 30	938 000	1937
1938	---	116 ON MAR 24 *	10.4 ON DEC 28	810 000	1938
1939	---	101 ON MAY 16	8.83 ON JUN 9	781 000	1939
1940	---	71.1 ON MAY 31	7.78 ON APR 15	681 000	1940
1941	---	83.0 ON APR 28	8.44 ON OCT 18	686 000	1941
1942	---	85.0 ON MAY 27	8.13 ON JUL 2	785 000	1942
1943	---	111 ON MAY 13	8.34 ON SEP 10	886 000	1943
1944	---	34.8 ON APR 25	10.3 ON AUG 10	518 000	1944
1945	---	82.1 ON APR 3	10.8 ON SEP 15	751 000	1945
1946	---	86.5 ON MAR 22	9.00 ON OCT 4	672 000	1946
1947	---	108 ON MAY 3	11.0 ON OCT 28	1 020 000	1947
1948	---	90.9 ON APR 12	7.83 ON OCT 8	748 000	1948
1949	---	---	---	---	1949
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		785 000	MEAN

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	0.153	0.149	---	1978
1979	0.133	0.059	9.88	5.58	0.979	0.353	0.183	0.138	0.269	0.464	1.72	4.03	1.96	1979
1980	1.14	0.177	7.85	5.54	1.51	0.287	0.185	0.133	0.261	0.784	1.58	3.01	1.87	1980
1981	0.248	10.4	2.24	2.15	2.24	1.63	0.732	1.26	5.71	4.14	3.48	0.975	2.90	1981
1982	0.778	0.376	2.64	14.5	0.681	0.432	0.270	0.216	0.225	0.269	1.21	4.53	2.18	1982
1983	1.85	2.04	6.26	7.68	4.36	0.848	0.178	0.103	0.081	0.234	3.21	3.22	3.48	1983
1984	0.757	2.51	3.67	15.0	3.13	0.595	0.145	0.209	0.178	0.204	0.321	0.729	3.26	1984
1985	0.824	0.907	11.2	5.98	0.639	0.516	0.182	0.108	0.110	0.176	0.357	0.316	1.76	1985
1986	0.592	0.287	4.78	2.95	3.16	0.870	1.80	1.47	3.37	5.26	2.56	2.71	2.63	1986
1987	0.801	0.432	8.92	4.58	0.780	0.787	0.605	0.188	0.702	0.674	1.36	4.70	2.06	1987
1988	1.04	2.12	4.32	4.16	1.27	0.347	0.349	0.138	0.120	0.484	2.86	0.534	1.44	1988
MEAN	0.778	1.83	6.14	5.83	1.92	0.677	0.441	0.438	1.16	1.27	1.89	2.17	2.16	MEAN

LOCATION - LAT 45 13 40 N DRAINAGE AREA, 169 km²
LONG 75 24 48 W NATURAL FLOW

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	48.8B AT 18:50 EST ON MAR 24	44.6 ON MAR 25	0.0248 ON FEB 24	62 600	1979
1980	---	50.0B ON MAR 23 *	0.092 ON AUG 28	59 000	1980
1981	---	38.6B ON FEB 21	0.257 ON AUG 2	91 400	1981
1982	---	46.3B ON APR 2	0.130 ON AUG 22	68 700	1982
1983	22.2 AT 23:55 EST ON MAR 20	20.5 ON MAR 20	0.085 ON AUG 30	78 300	1983
1984	43.5 AT 23:00 EST ON APR 6	41.2 ON APR 7	0.002 ON JUL 25 *	71 400	1984
1985	---	31.0B ON MAR 14	0.06A ON SEP 24	55 100	1985
1986	42.1 A, 17:15 EST ON SEP 30	32.8 ON SEP 30	0.180B ON MAR 9	78 800	1986
1987	46.8 AT 02:50 EST ON MAR 26 *	46.4 ON MAR 26	0.101 ON AUG 25	88 000	1987
1988	---	22.0B ON MAR 26	0.103A ON AUG 23	45 700	1988
				67 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	0.151	0.146	0.122	---	1978
1979	0.228	0.138	4.52	2.64	0.531	0.286	0.086	0.112	0.184	0.226	0.726	1.01	0.694	1979
1980	0.323	0.043	2.55	2.48	0.626	0.087	0.065	0.081	0.231	0.610	0.747	0.703	0.726	1980
1981	0.149	5.22	1.16	1.30	1.15	2.86	0.203	2.23	1.43	1.63	1.63	0.412	1.67	1981
1982	0.316	0.160	1.35	5.35	0.274	0.163	0.132	0.162	0.161	0.216	0.616	2.16	1.01	1982
1983	0.575	0.727	3.33	2.76	2.04	0.383	0.076	0.069	0.063	0.203	1.63	1.22	1.08	1983
MEAN	0.319	1.26	2.86	3.06	0.984	0.788	0.106	0.533	0.412	0.508	0.850	0.853	1.06	MEAN

LOCATION - LAT 45 21 47 N DRAINAGE AREA, 72.3 km²
LONG 75 15 00 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	26.0E ON MAR 25	0.032E ON JUL 24	26 200	1979
1980	---	17.5B ON MAR 23	0.018 ON AUG 28	23 300	1980
1981	---	24.4B ON FEB 21	0.068 ON AUG 2	40 600	1981
1982	---	31.6B ON APR 1 *	0.018 ON AUG 22	31 800	1982
1983	---	16.0B ON MAR 19	0.018 ON SEP 14 *	34 400	1983
				33 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	5.15	14.8	12.1	---	1967
1968	4.23	22.2	17.0	3.61	1.12	0.742	0.297	2.10	0.468	1.68	8.06	9.31	6.87	1968
1969	10.1	11.0	14.9	19.2	9.36	1.16	0.306	0.154	0.087	0.335	3.89	2.86	6.08	1969
1970	2.00	2.86	8.23	20.2	3.07	0.835	1.32	1.16	0.388	1.26	3.17	8.32	4.04	1970
1971	3.08	4.07	14.8	20.9	1.19	2.04	0.431	0.163	0.148	0.141	0.204	3.11	4.15	1971
1972	3.94	1.77	12.5	20.3	1.86	0.767	0.768	0.155	0.095	1.30	2.49	9.86	4.87	1972
1973	17.7	4.11	16.3	4.78	4.93	1.32	0.312	0.242	0.081	0.116	3.58	5.01	5.08	1973
1974	11.9	4.82	12.1	11.9	10.1	1.78	0.423	0.147	0.098	0.228	3.80	1.74	4.94	1974
1975	8.82	7.23	16.3	18.6	2.08	2.65	0.638	4.84	3.36	0.771	2.54	9.86	6.44	1975
1976	4.18	23.4	31.8	8.00	5.34	0.581	1.36	0.251	0.526	0.598	4.98	1.80	6.78	1976
1977	1.08	1.48	36.6	4.85	0.785	0.413	0.067	1.25	4.46	7.76	10.3	8.84	6.57	1977
1978	2.33	1.85	8.77	28.7	2.84	1.31	0.190	0.067	2.33	7.77	2.59	4.35	5.31	1978
1979	3.90	1.62	33.8	18.3	2.91	0.878	0.446	0.131	0.056	1.22	12.1	14.7	7.83	1979
1980	2.98	0.785	21.2	13.9	3.22	1.20	0.438	1.73	0.670	3.38	2.44	7.88	5.02	1980
1981	0.761	33.6	8.22	4.83	5.66	1.07	0.410	0.238	2.76	13.6	4.86	4.07	6.59	1981
1982	4.04	1.00	22.3	26.6	1.26	3.67	0.469	0.469	0.537	0.526	11.8	21.0	7.63	1982
1983	4.35	8.06	3.74	6.16	6.66	2.36	0.249	0.417	1.51	2.00	4.76	10.3	4.38	1983
1984	1.93	25.3	14.1	6.77	2.20	4.81	0.435	0.160	0.528	0.432	9.71	14.6	6.87	1984
1985	6.83	17.4	33.0	17.4	1.86	3.11	1.58	3.85	5.00	7.13	14.1	8.15	9.51	1985
1986	9.44	3.35	24.7	4.08	3.32	1.55	0.494	3.24	24.0	15.6	3.01	8.03	8.26	1986
1987	2.87	1.08	17.4	7.38	0.777	0.863	1.47	1.58	0.460	3.20	12.1	15.0	5.48	1987
1988	4.58	8.43	19.7	4.85	2.22	0.332	0.082	0.076	0.233	8.86	14.1	8.87	5.92	1988
MEAN	5.32	8.72	18.4	12.9	3.58	1.67	0.581	0.988	2.32	3.76	8.71	8.47	6.04	MEAN

LOCATION - LAT 43 61 04 N DRAINAGE AREA, 376 km²
LONG 81 32 38 W NATURAL FLOW

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	202 AT 14:15 EST ON FEB 2 *	188 ON FEB 2 *	0.110 ON JUL 30	178 000	1968
1969	93.7 AT 04:00 EST ON APR 5	80.7 ON APR 5	0.037 ON SEP 23	192 000	1969
1970	89.1 AT 16:00 EST ON APR 9	75.9 ON APR 10	0.127 ON AUG 29	128 000	1970
1971	82.8 AT 22:20 EST ON APR 2	57.5 ON APR 3	0.087 ON AUG 21	131 000	1971
1972	81.3 AT 16:59 EST ON DEC 31	66.0 ON DEC 31	0.062 ON SEP 23	146 000	1972
1973	71.4 AT 00:00 EST ON JAN 1	60.6 ON JAN 1	0.024 ON SEP 15	160 000	1973
1974	87.5 AT 05:22 EST ON MAY 17	85.7 ON MAY 17	0.051 ON SEP 11	156 000	1974
1975	179 AT 03:34 EST ON APR 10	112 ON APR 10	0.116 ON AUG 20	203 000	1975
1976	126 AT 01:31 EST ON MAR 21	102 ON MAR 21	0.116 ON AUG 25	214 000	1976
1977	---	148 ON MAR 14	0.004 ON JUL 28 *	207 000	1977
1978	88.8 AT 21:17 EST ON APR 7	80.4 ON APR 7	0.021 ON SEP 7	168 000	1978
1979	89.5 AT 03:41 EST ON APR 14	80.0B ON MAR 5	0.028 ON SEP 28	237 000	1979
1980	80.9 AT 12:39 EST ON MAR 21	78.8 ON MAR 21	0.110 ON SEP 12	159 000	1980
1981	181 AT 13:00 EST ON FEB 23	155 ON FEB 23	0.083 ON AUG 27	206 000	1981
1982	152 AT 20:54 EST ON MAR 31	113 ON APR 1	0.138 ON AUG 16	247 000	1982
1983	41.1 AT 01:53 EST ON DEC 14	36.5 ON DEC 14	0.081 ON SEP 15	136 000	1983
1984	97.7 AT 19:04 EST ON DEC 29	70.8 ON DEC 30	0.070E ON AUG 26	208 000	1984
1985	115 AT 16:16 EST ON MAR 26	89.0B ON FEB 24	0.193 ON AUG 5	300 000	1985
1986	108 AT 23:20 EST ON SEP 11	91.0A ON MAR 19	0.121 ON AUG 22	261 000	1986
1987	72.0 AT 22:18 EST ON NOV 26	55.0 ON NOV 26	0.167 ON SEP 10	172 000	1987
1988	---	83.8 ON MAR 26	0.010 ON AUG 23	187 000	1988
				181 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	24.0	32.1	89.7	180	75.9	8.63	4.19	4.84	3.20	3.82	13.1	20.4	37.5	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	4.36	16.3	165	85.8	39.6	3.71	2.84	0.578	5.57	22.1	33.4	38.2	---	1976
1977	0.970	0.828	164	52.0	4.21	0.756	2.20	3.25	2.42	17.7	13.2	3.43	31.8	1976
1978	48.5	21.6	31.8	233	11.2	1.82	0.842	1.20	2.84	38.8	33.8	35.0	38.4	1977
1979	4.88	5.32	139	71.5	11.8	4.05	0.872	0.704	0.446	0.568	1.26	1.98	31.0	1978
1980	12.4	1.24	93.2	77.2	17.7	1.72	0.888	0.752	2.81	14.7	32.1	31.0	23.8	1979
1981	4.16	135	27.4	26.2	28.2	27.9	7.81	19.8	39.5	48.7	46.1	18.0	35.0	1980
1982	8.38	2.81	67.7	.54	8.47	5.16	1.87	2.38	2.84	3.56	22.2	53.3	27.0	1981
1983	18.5	20.8	76.3	83.5	55.0	5.84	0.815	0.868	0.248	1.81	40.0	56.2	30.8	1982
1984	10.8	62.8	42.2	165	31.8	5.44	0.508	2.40	1.04	0.868	1.88	8.20	27.2	1983
1985	7.74	11.3	120	80.3	6.75	5.25	2.88	0.761	0.480	1.73	11.7	8.18	[illegible].8	1984
1986	16.8	4.39	72.5	38.8	24.8	8.06	17.0	28.3	25.8	69.7	37.0	24.4	[illegible].0	1985
1987	8.73	3.13	86.8	---	---	---	---	---	---	---	13.8	---	-	1986
1988	4.80	16.2	48.5	44.2	12.1	---	---	---	---	12.8	43.8	4	- -	1987
														1988
MEAN	12.8	24.0	89.7	88.5	25.4	8.70	3.47	5.11	7.78	17.1	28.1	[illegible].5	29.4	MEAN

LOCATION - LAT 45 19 01 N DRAINAGE AREA, 2 410 km²
LONG 75 05 32 W REGULATED

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	840 ON APR 8	3.08 ON SEP 30	1 180 000	1974
1975	---	---	0 ON AUG 18 *	---	1975
1976	1 010 AT 04:15 EST ON MAR 28 *	903 ON MAR 28 *	0.467 ON AUG 30	1 010 000	1976
1977	497 AT 20:13 EST ON MAR 14	480 ON MAR 14	0.496 ON JUN 17	695 000	1977
1978	8270 AT 23:59 EST ON APR 14	7388 ON APR 14	0.204 ON OCT 11	977 000	1978
1979	587 AT 04:42 EST ON MAR 25	529 ON MAR 25	0.159 ON JUL 23	908 000	1979
1980	649 AT 03:53 EST ON MAR 22	518 ON MAR 22	0.180 ON AUG 11	755 000	1980
1981	526 AT 09:51 EST ON FEB 21	489 ON FEB 21	1.01 ON AUG 1	1 100 000	1981
1982	921 AT 09:40 EST ON APR 1	846 ON APR 1	0.386 ON AUG 21	882 000	1982
1983	338 AT 19:49 EST ON MAR 19	283 ON MAR 20	0.078 ON SEP 16	970 000	1983
1984	849 AT 22:44 EST ON APR 6	481 ON APR 6	0.186 ON JUL 27	860 000	1984
1985	411 AT 01:26 EST ON MAR 14	382 ON MAR 14	0.234 ON SEP 26	824 000	1985
1986	401 AT 23:33 EST ON MAR 19	270 ON MAR 20	3.23 ON MAR 2	978 000	1986
1987	---	5670 ON MAR 28	---	---	1987
1988	---	272 ON MAR 27	---	---	1988
				926 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	83.9	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	58.4	---	---	---	---	---	---	---	---	---	1954
1955	---	---	---	6.82	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	33.4	---	---	---	---	---	---	---	---	---	1956
1957	---	---	16.6	66.7	---	---	---	---	---	---	---	---	---	1957
1958	---	---	6.23	121	---	---	---	---	---	---	---	---	---	1958
1959	---	---	20.0	32.4	---	---	---	---	---	---	---	---	---	1959
1960	---	---	24.6	87.9	---	---	---	---	---	---	---	---	---	1960
1961	---	---	14.0	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	31.1	22.4	---	---	---	---	---	---	---	---	---	1962
1963	---	---	22.2	18.3	---	---	---	---	---	---	---	---	---	1963
1964	---	---	84.3	13.0	---	---	---	---	---	---	---	---	---	1964
1965	---	---	12.8	46.5	---	---	---	---	---	---	---	---	---	1965
1966	---	---	53.8	29.3	---	---	---	---	---	---	---	---	---	1966
1967	---	---	26.4	84.3	---	---	---	---	---	---	---	---	---	1967
1968	---	---	18.4	91.5	8.13	---	---	---	---	---	---	---	---	1968
1969	---	---	19.9	121	---	---	---	---	---	---	---	---	---	1969
1970	---	---	31.1	98.7	14.1	12.4	5.20	1.89	0.188	0.58	31.0	16.0	16.2	1970
1971	1.24	0.832	3.05	34.4	33.2	20.2	1.52	0.210	0.206	2.43	4.38	8.08	10.2	1971
1972	13.3	10.7	88.3	70.4	30.6	3.19	1.86	0.231	0.062	0.070	1.85	6.15	16.3	1972
1973	13.3	10.2	46.8	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	60.0	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	41.9	---	---	---	---	---	---	---	---	---	1975
1976	---	---	77.3	34.5	5.03	---	---	---	---	---	---	---	---	1976
1977	---	---	18.6	109	---	---	---	---	---	---	---	---	---	1977
1978	---	---	51.6	20.6	---	---	---	---	---	---	---	---	---	1978
1979	---	---	48.3	38.6	6.10	---	---	---	---	---	---	---	---	1979
1980	---	---	13.6	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	---	83.6	---	---	---	---	---	---	---	---	---	1981
1982	---	---	16.6	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
MEAN	6.86	7.14	31.1	54.7	15.8	11.8	4.22	0.780	0.152	4.02	12.4	10.1	16.6	MEAN

LOCATION - LAT 45 05 03 N DRAINAGE AREA, 1 080 km^2
LONG 75 13 38 W REGULATED

REMARKS - SPRING FRESHET OPERATION ONLY. NO DATA FOR 1953, 1956 OR 1958

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	278 ON APR 5 *	---	---	1950
1951	---	178 ON APR 1	---	---	1951
1952	---	177 ON APR 3	---	---	1952
1953	---	191 B ON APR 6	---	---	1953
1954	---	178 B ON APR 6	---	---	1954
1955	---	80.6 ON MAR 17	---	---	1955
1956	---	155 ON MAR 28	---	---	1956
1957	---	213 ON APR 3	---	---	1957
1958	---		---	---	1958
1959	---	236 ON APR 7	---	---	1959
1960	---	91.6 ON MAR 29	---	---	1960
1961	---	253 ON MAR 31	---	---	1961
1962	---	245 B ON APR 1	---	---	1962
1963	---	91.2 ON MAR 7	---	---	1963
1964	---		---	---	1964
1965	---	98.18 ON MAR 7	---	---	1965
1966	---	128 ON MAR 20	---	---	1966
1967	---	142 B ON APR 3	---	---	1967
1968	---	181 ON MAR 29	---	---	1968
1969	---	135 B ON MAR 29	---	---	1969
1970	---	194 ON APR 10	---	---	1970
1971	---	272 ON APR 14	---	---	1971
1972	---	218 ON APR 17	0.113 ON JUN 18	513 000	1972
1973	---	216 ON MAR 18	0.133 ON SEP 11	573 000	1973
1974	---	191 ON APR 5	0.031 ON SEP 7	483 000	1974
1975	---	116 ON APR 17	---	---	1975
1976	---	241 B ON MAR 28	---	---	1976
1977	---	235 ON MAR 14	---	---	1977
1978	---	210 ON APR 14	---	---	1978
1979	---	120 ON MAR 28	---	---	1979
1980	---	158 B ON MAR 23	0 ON MAR 2 *	---	1980
1981	---	172 B ON FEB 21	---	---	1981
1982	---	242 B ON APR 1	---	---	1982
1984	---	185 ON APR 6	---	---	1984
1985	---	---	---	134 000	1985
				426 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	15.4	5.75	3.71	1.63	1.19	B.B09	0.104	B.028	5.787	1.94	---	1948
1949	---	---	11.0	12.4	3.57	0.961	0.068	0.028	0.028	B.028	B.223	3.52	---	1949
1950	0.97	1.17	5.54	23.3	1.86	0.650	0.079	0.028	0.028	0.028	0.921	3.55	3.84	1950
1951	7.41	3.08	17.7	12.1	1.47	0.513	3.48	0.340	0.085	0.028	2.76	3.05	4.38	1951
1952	4.47	4.86	5.41	11.4	3.58	1.13	0.255	1.22	0.768	1.44	0.880	3.78	3.27	1952
1953	2.51	2.52	12.4	4.44	5.03	0.918	0.396	0.186	0.014	0.028	0.340	2.34	2.81	1953
1954	0.880	4.83	24.1	16.2	4.22	1.02	0.993	0.167	1.78	3.90	7.58	3.61	5.87	1954
1955	2.47	0.838	15.4	15.8	2.02	0.736	0.173	0.332	B.188	4.21	3.88	0.558	4.19	1955
1956	0.783	0.103	0.587	19.3	7.16	3.55	0.512	0.083	B	0	0.324	1.18	2.78	1956
1957	1.18	2.40	6.18	4.70	2.82	1.07	0.618	0.078	B	0	0.085	1.81	1.77	1957
1958	1.02	0.307	9.80	8.96	2.88	0.803	0.218	0	B	0.269	1.28	0.821	2.02	1958
1959	0.880	0.834	8.81	19.9	1.16	0.313	1.16	0.584	B.610	2.13	2.80	5.21	3.13	1959
1960	0.880	1.58	3.07	32.9	3.18	1.45	B.227	0.028	0.014	B.010	0.008	B.003	3.87	1960
1961	0	0.044	5.43	7.43	2.36	1.52	B.881	0.253	0.126	0.063	0.022	B.788	1.87	1961
1962	0.206	0.230	7.11	12.8	1.48	0.220	B.074	0.019	0.008	B.081	2.18	B.881	2.11	1962
1963	0.318	0.288	7.18	8.29	4.82	0.526	B.213	0.033	0.011	0.011	0.015	B.487	1.87	1963
1964	1.68	0.758	8.25	8.45	2.42	0.548	B.212	0.008	0.008	B.009	0.013	0.041	1.53	1964
1965	0.210	1.81	4.08	5.60	1.41	0.293	0.127	0.013	B.015	0.068	3.22	4.23	1.77	1965
1966	1.74	0.886	12.7	4.04	1.36	0.647	0.148	0.032	B.010	0.012	0.047	1.58	1.85	1966
1967	1.84	1.88	3.04	8.51	2.22	1.36	0.283	0.148	B.006	0.281	4.01	2.81	2.15	1967
1968	0.476	1.46	11.7	5.78	1.41	2.18	1.75	0.158	B.211	0.155	3.80	4.40	2.78	1968
1969	1.81	2.41	7.04	13.4	4.30	4.82	0.884	0.539	B.271	0.272	2.04	3.18	3.37	1969
1970	0.495	1.35	5.30	19.5	2.21	0.432	2.05	B.849	0.385	1.18	5.32	2.52	3.43	1970
1971	2.04	1.74	5.17	26.0	3.88	0.377	0.191	B.085	0.078	0.080	0.118	1.45	3.38	1971
1972	1.38	0.711	1.23	22.2	4.11	3.88	3.18	B.821	0.105	1.41	6.06	3.70	4.04	1972
1973	5.82	4.18	16.1	8.95	5.80	1.88	0.258	B.071	0.037	0.087	0.518	2.08	3.84	1973
1974	4.87	3.11	8.08	14.3	5.57	0.885	0.299	0.084	0.025	0.038	0.788	2.57	3.38	1974
1975	3.33	0.869	8.68	10.9	0.882	0.188	0.010	B.008	0.358	1.61	4.17	4.21	2.98	1975
1976	0.750	6.44	18.5	8.31	6.82	1.02	1.34	0.805	1.18	3.48	2.51	1.06	4.28	1976
1977	0.488	0.492	16.7	8.28	1.21	0.087	0.022	B.037	0.125	3.47	4.06	8.03	3.44	1977
1978	6.82	3.24	8.30	20.1	1.84	0.198	0.035	0.044	0.023	0.048	0.205	0.800	3.23	1978
1979	1.33	0.834	13.1	7.87	1.87	0.554	0.088	0.018	1.88	1.71	4.02	4.84	3.15	1979
1980	2.27	0.207	8.50	8.60	2.77	0.377	0.088	0.052	0.182	1.13	3.13	4.30	2.80	1980
1981	0.808	13.4	3.61	3.10	2.82	1.78	0.483	0.774	3.16	8.13	8.38	1.84	3.38	1981
1982	1.88	0.780	7.88	15.3	1.81	2.38	0.362	0.136	0.308	0.302	2.85	8.14	3.24	1982
1983	1.98	2.88	7.04	10.8	8.48	0.724	0.043	0.017	0.004	0.080	3.28	8.61	3.28	1983
1984	1.03	7.88	4.38	15.8	3.91	0.847	0.037	0.008	0.005	0.010	0.052	0.144	2.78	1984
1985	0.318	1.48	8.50	8.28	0.885	0.872	0.405	0.033	0.108	0.434	3.83	1.74	2.05	1985
1986	2.98	1.01	8.43	4.21	1.84	2.14	2.87	8.88	2.43	8.13	4.88	4.84	4.03	1986
1987	1.88	0.918	10.4	8.05	0.837	0.437	0.086	0.018	0.028	0.284	1.48	8.88	2.37	1987
1988	0.888	1.47	8.81	8.88	2.85	0.217	0.008	0.080	0.041	1.40	8.89	0.883	2.14	1988
MEAN	2.04	2.18	8.03	11.8	8.87	1.12	0.828	B.378	0.384	0.880	B.20	B.71	3.01	MEAN

LOCATION - LAT 44 50 32 N, LONG 75 33 38 W DRAINAGE AREA, 248 km^2, NATURAL FLOW

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	80.1 AT 08:30 EST ON MAR 21	62.0 ON MAR 21	---	---	1948
1949	---	32.8 ON APR 7	---	---	1949
1950	125 AT 07:00 EST ON APR 6 *	102 ON APR 6 *	0.028E ON MAR 5	121 000	1950
1951	80.8 AT 21:00 EST ON MAR 31	65.5 ON APR 1	0.028E ON OCT 1	137 000	1951
1952	43.3 AT 21:00 EST ON APR 6	39.4 ON APR 6	0.113 ON JUL 2	103 000	1952
1953	35.3 AT 05:00 EST ON MAR 27	45.0 ON MAR 27	0.014E ON SEP 1	82 400	1953
1954	80.8 AT 08:00 EST ON APR 9	53.5 ON APR 9	0.057E ON AUG 8	185 000	1954
1955	80.8 AT 23:55 EST ON APR 2	54.1 ON APR 3	0.028E ON JUL 18	132 000	1955
1956	---	70.2 ON APR 6	0 ON AUG 8 *	87 700	1956
1957	---	21.1 ON FEB 28	0 ON AUG 5	65 700	1957
1958	---	47.8 ON MAR 26	0 B ON JAN 26	63 700	1958
1959	86.3 AT 08:00 EST ON APR 3	84.0 ON APR 3	0.057 ON JUL 5	88 700	1959
1960	---	89.7 ON APR 5	0 E ON DEC 21	113 000	1960
1961	20.6E AT 14:15 EST ON MAR 29	20.0E ON MAR 29	0 B ON JAN 1	49 500	1961
1962	80.3E AT 20:00 EST ON MAR 30	57.5E ON MAR 30	0.003 ON SEP 19	85 300	1962
1963	70.2E AT 07:00 EST ON MAR 31	63.7E ON MAR 31	0.006 ON SEP 25	58 800	1963
1964	18.6 AT 08:00 EST ON MAR 7	18.0 ON MAR 7	0 ON AUG 19	48 400	1964
1965	17.9E AT 00:01 EST ON MAR 7	18.8E ON MAR 7	0.006 ON JUL 25	55 800	1965
1966	27.7 AT 13:00 EST ON MAR 20	27.1 ON MAR 20	0 ON SEP 30	61 400	1966
1967	30.0 AT 08:00 EST ON APR 2	29.2 ON APR 2	0 ON SEP 17	88 000	1967
1968	39.4 AT 09:00 EST ON MAR 22	38.2 ON MAR 22	0 ON OCT 20	88 000	1968
1969	38.2E AT 09:35 EST ON MAR 26	37.4E ON MAR 26	0.144 ON SEP 21	106 000	1969
1970	62.0E AT 04:05 EST ON APR 10	56.6E ON APR 10	0.147 ON JUL 5	108 000	1970
1971	62.8 AT 07:05 EST ON APR 15	61.4 ON APR 14	0.007 ON SEP 29	107 000	1971
1972	64.0 AT 08:50 EST ON APR 18	56.9 ON APR 18	0.014 ON SEP 28	128 000	1972
1973	---	45.6 ON MAR 18	0.020 ON SEP 14	115 000	1973
1974	77.3 AT 18:55 EST ON APR 5	74.6 ON APR 5	0.010 ON SEP 11	107 000	1974
1975	42.8 AT 04:30 EST ON APR 20	40.2 ON APR 20	0.005 ON AUG 19	93 400	1975
1976	62.4 AT 00:01 EST ON MAR 29	46.1R ON MAR 28	0.286 ON AUG 7	135 000	1976
1977	---	77.3R ON MAR 15	0.005 ON JUN 26	108 000	1977
1978	47.6R AT 05:00 EST ON APR 14	42.2R ON APR 14	0.010 ON JUL 21	102 000	1978
1979	---	29.4R ON MAR 25	0.009 ON AUG 23	99 500	1979
1980	---	51.7R ON MAR 23	0.021 ON AUG 30	88 500	1980
1981	---	46.0R ON FEB 21	0.097 ON AUG 11	107 000	1981
1982	---	81.4R ON APR 1	0.024 ON AUG 19	102 000	1982
1983	24.3 AT 13:11 EST ON MAR 20	23.4 ON MAR 20	0.001 ON SEP 15	104 000	1983
1984	52.6 AT 18:03 EST ON APR 6	50.0 ON APR 6	0.002R ON SEP 30	88 000	1984
1985	---	26.9R ON MAR 14	0.007 ON AUG 24	84 500	1985
1986	---	27.1R ON MAR 20	0.463 ON MAY 19	127 000	1986
1987	38.9 AT 22:32 EST ON MAR 25	36.2 ON MAR 26	0.003 ON SEP 3	74 800	1987
1988	---	33.5R ON MAR 27	0.003 ON AUG 12	87 800	1988
				95 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	78.3	9.85	4.78	1.50	7.09	5.88	4.07	3.38	3.03	---	1915
1916	24.3	27.7	52.3	336	95.4	47.6	10.6	4.79	3.14	4.53	4.74	10.2	51.4	1916
1917	3.66	2.29	85.0	226	19.3	11.1	8.98	9.17	4.50	24.6	19.8	5.84	38.1	1917
1918	2.57	2.84	116	255	15.2	5.55	3.33	3.84	7.88	73.7	92.3	73.5	54.4	1918
1919	17.4	7.49	195	205	59.8	12.0	11.1	5.04	5.09	10.7	88.0	13.5	61.0	1919
1920	0.895	0.351	185	113	15.8	3.64	4.39	3.00	4.15	10.1	16.8	86.4	35.5	1920
1921	21.6	7.09	348	74.5	7.89	5.91	4.50	3.86	2.21	4.80	13.7	20.3	43.4	1921
1922	1.47	1.42	138	160	15.2	20.3	13.1	6.88	2.74	3.14	2.82	2.41	30.7	1922
1923	1.36	0.856	11.0	220	36.1	26.1	5.51	2.91	3.15	5.36	14.4	50.0	31.3	1923
1924	9.70	17.1	157	254	59.0	2.28	1.98	2.00	1.42	5.82	3.81	16.5	44.2	1924
1925	0.568	24.1	285	78.4	16.7	7.20	4.40	4.56	5.40	10.1	58.7	82.1	46.8	1925
1926	12.1	5.86	5.49	336	40.8	6.61	9.16	1.33	2.33	15.7	91.3	16.5	45.1	1926
1927	5.62	17.9	244	41.1	60.1	13.2	7.76	3.02	1.85	0.881	146	86.2	51.2	1927
1928	37.8	14.9	113	334	55.2	15.5	9.28	21.3	9.46	111	46.0	45.7	87.7	1928
1929	64.8	4.85	280	176	67.9	7.08	4.08	2.07	0.448	0.452	7.63	1.16	51.0	1929
1930	52.2	47.8	74.8	153	15.3	6.67	5.56	0.328	0	0	0	0	29.4	1930
1931	0	0	52.3	43.9	9.17	5.61	0.569	0.283	0.283	0.283	1.74	24.5	11.6	1931
1932	89.1	80.1	33.2	316	22.4	7.53	4.60	5.26	4.79	10.9	27.4	39.9	46.9	1932
1933	39.5	15.6	13.7	282	42.0	5.83	4.69	6.27	3.63	3.02	7.05	5.65	36.9	1933
1934	---	---	---	461	16.4	12.5	3.45	4.16	4.30	3.31	5.18	7.56	---	1934
1935	---	---	158	103	34.2	26.0	11.8	11.6	6.54	11.5	11.3	5.87	---	1935
1936	---	---	237	107	27.8	4.48	3.40	3.24	2.86	11.9	28.9	27.4	---	1936
1937	---	---	---	226	48.5	8.51	8.07	9.62	4.79	9.04	83.7	11.4	---	1937
1938	10.0	---	260	136	14.9	3.85	3.20	2.32	2.86	2.10	2.26	---	---	1938
1939	---	---	---	297	31.0	7.23	4.80	8.03	5.85	---	---	---	---	1939
1940	---	---	---	314	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	142	---	---	---	---	---	---	---	---	---	1941
1942	---	---	---	112	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	88.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	88.6	123	35.6	23.8	4.88	24.3	89.1	82.4	14.8	---	1945
1946	---	---	---	47.4	47.7	7.03	2.18	2.32	2.46	8.15	35.8	---	---	1946
1947	---	---	---	370	114	40.6	83.0	8.74	16.4	6.33	12.5	11.4	---	1947
1948	---	---	---	84.1	21.4	4.11	4.38	3.66	2.82	2.86	11.8	8.88	---	1948
1949	17.1	8.67	124	214	16.2	3.81	1.82	1.65	2.68	3.11	4.05	45.6	36.8	1949
1950	72.9	10.1	26.6	315	12.2	6.35	6.38	6.03	3.88	3.05	35.2	40.6	44.6	1950
1951	47.8	24.8	193	322	15.8	5.39	24.2	4.67	6.47	4.32	31.6	38.6	58.7	1951
1952	25.6	88.7	80.3	287	59.8	19.0	14.6	28.1	12.7	31.3	18.0	31.8	55.2	1952
1953	17.6	28.3	194	75.4	37.8	6.35	3.81	3.77	2.12	1.88	0.708	4.46	31.6	1953
1954	2.07	5.67	88.7	317	46.2	10.5	4.63	2.36	36.2	82.7	83.1	32.9	54.7	1954
1955	20.5	4.37	84.6	319	8.52	1.80	0.586	1.21	1.01	10.0	7.37	1.80	38.0	1955
1956	5.95	1.28	3.58	185	57.0	20.6	6.81	2.26	3.67	1.43	1.78	3.55	24.6	1956
1957	10.8	9.89	83.1	46.6	15.1	8.18	10.8	1.15	0.858	1.32	5.20	24.4	18.4	1957
1958	4.57	1.44	90.5	133	24.6	7.01	5.86	4.07	12.7	14.7	18.7	7.37	27.1	1958
1959	3.78	5.86	22.3	174	7.08	2.80	2.18	2.32	3.48	8.86	18.8	42.0	24.4	1959
1960	2.41	9.06	22.0	403	28.6	27.1	5.30	1.18	0.913	1.30	3.06	1.91	41.6	1960
1961	1.40	2.02	86.7	123	25.9	18.0	15.7	10.5	4.83	2.08	4.21	13.8	24.1	1961
1962	3.16	2.14	50.1	265	30.8	2.67	2.56	2.06	1.58	6.78	38.0	12.6	33.6	1962
1963	3.80	2.81	23.5	208	51.2	7.25	2.00	2.01	12.4	3.74	32.1	18.0	30.5	1963
1964	12.2	7.74	92.5	91.2	9.87	3.26	1.79	0.888	0.643	0.710	1.33	15.1	18.8	1964
1965	4.08	5.65	80.6	80.5	11.1	1.78	0.880	2.16	7.40	24.5	81.6	44.1	35.4	1965
1966	31.4	9.74	190	61.6	13.9	6.31	1.51	1.85	1.17	1.10	7.80	33.7	30.2	1966
1967	8.39	8.87	24.5	235	17.6	9.18	7.02	3.08	2.86	17.4	88.6	34.1	38.1	1967
1968	5.23	11.6	183	106	11.4	10.5	26.6	3.03	3.32	2.74	22.3	36.1	35.4	1968
1969	9.41	16.8	86.8	278	65.6	22.4	6.56	18.1	2.32	2.13	21.3	30.7	48.7	1969
1970	4.10	11.0	24.2	325	33.2	3.87	4.52	1.88	2.77	8.07	45.0	27.3	40.6	1970
1971	9.82	14.0	28.7	412	35.6	3.87	2.37	2.22	2.67	3.86	5.46	38.8	46.3	1971
1972	8.33	5.70	10.2	378	54.1	51.8	88.4	45.3	4.12	81.2	83.3	38.6	70.3	1972
1973	54.4	38.1	314	114	82.8	55.4	10.5	41.2	4.74	21.8	23.6	43.3	87.4	1973
1974	42.2	39.1	180	263	112	18.1	4.40	5.08	1.96	2.14	21.3	32.0	57.8	1974
1975	34.9	8.59	103	280	14.2	10.5	1.48	0.831	9.67	37.6	51.9	58.4	49.2	1975
1976	5.83	25.1	238	235	72.8	13.4	8.26	8.40	7.31	35.0	28.1	9.44	57.1	1976
1977	3.63	2.87	258	111	11.1	2.63	4.89	4.52	14.1	79.8	83.6	81.7	51.8	1977
1978	82.4	34.4	44.9	428	22.8	5.70	1.61	1.41	1.18	1.86	3.32	3.88	53.0	1978
1979	8.35	8.84	215	128	23.0	9.48	2.18	2.46	22.8	21.0	50.6	78.5	47.8	1979
1980	23.2	2.69	141	122	34.3	3.81	2.80	2.61	7.09	23.0	34.7	48.0	37.2	1980
1981	5.86	210	49.3	46.1	42.7	57.4	11.9	48.2	89.3	79.1	78.7	23.5	58.2	1981
1982	14.0	5.85	77.4	287	16.2	8.85	2.99	4.26	4.93	6.03	34.2	84.8	43.6	1982
1983	34.5	40.8	133	141	81.0	12.7	2.15	1.47	1.11	4.28	83.2	90.9	51.5	1983
1984	14.3	90.5	83.4	274	44.5	10.2	1.98	4.55	1.53	2.28	6.59	15.7	43.5	1984
1985	8.17	20.1	215	110	12.2	7.01	3.23	1.28	1.38	3.78	16.6	11.2	34.4	1985
1986	28.1	7.85	116	84.8	51.4	13.9	18.6	31.5	38.3	84.6	53.2	55.6	47.8	1986
1987	15.3	8.05	180	85.7	13.8	18.6	14.1	3.26	8.16	12.0	22.8	104	39.8	1987
1988	13.2	33.1	87.6	92.6	26.4	4.36	5.89	2.88	2.30	23.2	78.9	12.8	32.0	1988
MEAN	18.7	18.9	119	197	36.3	12.7	8.70	8.74	8.89	16.7	31.1	30.1	42.0	MEAN

LOCATION - LAT 45 30 23 N DRAINAGE AREA, 3 810 km²
LONG 74 57 20 W REGULATED

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	705 ON APR 4	2.27 ON AUG 29	1 820 000	1916
1917	---	607 ON APR 3	1.42 ON FEB 18	1 110 000	1917
1918	---	983 ON APR 3	1.42 ON JAN 20	1 710 000	1918
1919	---	714 ON MAR 27	2.27 ON AUG 14	1 810 000	1919
1920	---	882 ON MAR 28	0 ON FEB 18 *	1 120 000	1920
1921	---	840 ON MAR 22	0.566 ON JUN 23	1 370 000	1921
1922	---	486 ON MAR 16	0.566 ON JAN 26	869 000	1922
1923	---	575 ON APR 14	0.566 ON JAN 30	987 000	1923
1924	---	871 ON APR 8	0 ON JUL 11	1 400 000	1924
1925	---	748 ON MAR 28	0.566 ON JAN 1	1 480 000	1925
1926	---	849 ON APR 24	0.991 ON JUL 26	1 420 000	1926
1927	---	818 ON MAR 18	0.991 ON AUG 13	1 620 000	1927
1928	---	1 010 ON APR 8	1.84 ON JUN 21	2 140 000	1928
1929	---	787 ON MAR 24	0.283 ON SEP 8	1 810 000	1929
1930	---	510 ON APR 7	0 ON AUG 13	827 000	1930
1931	---	347 ON MAR 31	0 ON JAN 1	367 000	1931
1932	---	780 ON APR 12	2.83 ON SEP 22	1 550 000	1932
1933	---	585 ON APR 6	0.851 ON JUN 28	1 130 000	1933
1934	---	1 010 ON APR 10	2.75 ON JUL 1	---	1934
1935	---	386 ON MAR 25	2.41 B ON DEC 31	---	1935
1936	---	851 ON MAR 26	---	---	1936
1937	---	784 ON APR 8	2.41 ON OCT 10	---	1937
1938	---	1 180B ON MAR 25	1.59 ON JUL 21	---	1938
1939	---	884 ON APR 22	---	---	1939
1940	---	885 ON APR 13	---	---	1940
1941	---	535 ON APR 7	---	---	1941
1942	---	840 ON MAR 28	---	---	1942
1943	---	580 ON APR 4	---	---	1943
1944	---	---	---	---	1944
1945	---	888 ON MAR 23	---	---	1945
1946	---	---	---	---	1946
1947	---	1 080 ON APR 10	2.48 ON OCT 25	---	1947
1948	---	728 ON MAR 23	1.87 ON SEP 18	---	1948
1949	---	745 ON MAR 31	1.16 ON JUL 7	1 180 000	1949
1950	---	851 ON APR 7	1.42 ON AUG 24	1 410 000	1950
1951	---	1 190E ON APR 2 *	2.83 ON JUN 14	1 880 000	1951
1952	---	928 ON APR 8	4.19 ON AUG 1	1 780 000	1952
1953	---	456 ON MAR 27	0.566E ON DEC 1	887 000	1953
1954	---	823 ON APR 10	0.566 ON FEB 11	1 720 000	1954
1955	---	1 010 ON APR 8	0.566 ON JUN 11	1 230 000	1955
1956	---	578 ON APR 8	0.736 ON JAN 8	774 000	1956
1957	---	240 ON MAR 18	0.283 ON OCT 3	580 000	1957
1958	---	860 ON MAR 31	1.30 B ON FEB 13	885 000	1958
1959	---	544 ON APR 8	1.30 ON AUG 8	789 000	1959
1960	883 AT 24:00 EST ON APR 12	813 ON APR 13	0.694 ON OCT 13	1 320 000	1960
1961	382 ON MAR 28	362 ON MAR 28	0.725 ON JAN 27	780 000	1961
1962	885 AT 24:00 EST ON APR 8	854 ON APR 1	0.820 ON SEP 1	1 080 000	1962
1963	868 ON APR 3	868 ON APR 3	0.821 ON JUL 31	883 000	1963
1964	388 AT 08:30 EST ON MAR 8	334 ON MAR 8	0.408 ON SEP 29	825 000	1964
1965	281 AT 05:00 EST ON MAR 8	250 ON NOV 28	0.566 ON JUL 31	801 000	1965
1966	4628 AT 21:00 EST ON MAR 20	4428 ON MAR 20	0.793 ON SEP 20	884 000	1966
1967	883 AT 18:15 EST ON APR 3	821 ON APR 4	0.524 ON SEP 20	1 140 000	1967
1968	852 AT 01:10 EST ON MAR 30	816 ON MAR 30	0.566 ON SEP 2	1 120 000	1968
1969	7058 AT 13:40 EST ON APR 8	6378 ON APR 8	0.868 ON OCT 16	1 470 000	1969
1970	850 AT 13:30 EST ON APR 15	844 ON APR 15	0.742 ON JUL 10	1 280 000	1970
1971	1 020E AT 10:30 EST ON APR 20	1 010E ON APR 20	1.70 E ON OCT 3	1 480 000	1971
1972	848 AT 18:00 EST ON APR 18	820 ON APR 18	2.61 ON SEP 23	2 220 000	1972
1973	---	8508 ON MAR 19	2.18 ON SEP 18	2 120 000	1973
1974	---	6748 ON APR 8	1.17 ON AUG 18	1 820 000	1974
1975	884 AT 11:30 EST ON APR 20	844 ON APR 20	0.538 ON AUG 20	1 580 000	1975
1976	1 110 AT 00:01 EST ON MAR 31 *	1 080 ON MAR 31	2.11 ON AUG 28	1 800 000	1976
1977	804 AT 18:38 EST ON MAR 17	758 ON MAR 17	1.70 ON JUL 10	1 830 000	1977
1978	1 100 AT 15:10 EST ON APR 15	1 080 ON APR 15	0.888 ON AUG 18	1 870 000	1978
1979	827 AT 04:13 EST ON MAR 28	801 ON MAR 28	0.678 ON JUL 27	1 500 000	1979
1980	818 AT 12:00 EST ON MAR 24	5888 ON MAR 24	0.392A ON AUG 28	1 180 000	1980
1981	---	7298 ON FEB 23	3.80 ON JUL 18	1 870 000	1981
1982	880 AT 20:30 EST ON APR 2	875 ON APR 3	0.881 ON AUG 22	1 380 000	1982
1983	588 AT 10:30 EST ON MAR 20	4958 ON MAR 20	0.739 ON SEP 12	1 820 000	1983
1984	717 AT 08:41 EST ON APR 7	703 ON APR 7	1.05 ON SEP 28	1 380 000	1984
1985	458 AT 18:35 EST ON MAR 15	452 ON MAR 15	0.509 ON AUG 12	1 080 000	1985
1986	---	4258 ON MAR 20	4.12 ON JUL 25	1 500 000	1986
1987	---	7948 ON MAR 28	1.27 ON AUG 28	1 280 000	1987
1988	---	3618 ON MAR 27	0.812 ON AUG 13	1 010 000	1988
				1 320 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	0.307	1.03	0.488	0.441	0.470	1.34	---	1964
1965	1.17	3.80	4.98	2.85	0.860	0.488	0.310	0.380	0.487	1.02	1.23	1.88	1.67	1965
1966	0.848	1.71	2.38	1.70	1.12	0.880	0.182	0.285	0.371	0.312	0.888	2.87	1.10	1966
1967	1.84	1.33	1.90	2.50	1.70	0.958	0.858	0.428	0.381	0.847	1.12	1.59	1.25	1967
1968	1.78	2.73	2.13	1.41	0.895	1.55	0.576	0.828	0.738	0.888	1.48	1.50	1.35	1968
1969	4.10	1.78	1.36	3.63	2.44	1.12	0.928	0.470	0.380	0.488	1.41	1.48	1.83	1969
1970	0.788	1.17	2.28	1.77	0.748	0.436	0.388	0.242	0.331	0.525	1.80	1.89	1.03	1970
1971	0.838	1.82	3.35	1.88	0.708	0.428	0.146	0.188	0.267	0.288	0.434	0.891	0.954	1971
1972	1.18	0.549	5.72	2.63	1.41	0.884	0.871	0.518	0.458	0.818	1.81	2.38	1.80	1972
1973	1.47	1.24	4.27	2.25	1.23	1.17	0.445	0.371	0.321	0.430	1.03	1.59	1.32	1973
1974	1.89	2.17	3.28	2.36	2.56	1.01	0.880	0.355	0.378	0.484	0.832	1.17	1.43	1974
1975	1.71	2.01	2.85	1.83	0.912	1.40	0.518	1.12	2.02	1.27	1.88	2.42	1.84	1975
1976	2.08	4.82	5.76	2.47	2.04	0.813	0.742	0.880	0.555	0.722	0.727	0.705	1.82	1976
1977	0.807	0.888	4.42	3.23	1.14	0.550	0.528	0.413	2.28	1.76	1.87	3.00	1.88	1977
1978	1.87	1.11	3.85	3.51	---	---	---	---	---	---	---	---	---	1978
MEAN	1.58	1.90	3.46	2.44	1.37	0.883	0.533	0.803	0.872	0.707	1.17	1.73	1.41	MEAN

LOCATION - LAT 42 39 12 N LONG 80 46 50 W DRAINAGE AREA, 109 km²
REGULATED

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1964	---	---	---	---	1964
1965	37.1 AT 11:45 EST ON MAR 5 *	31.4 ON MAR 6 *	0.085 ON JUL 31	48 500	1965
1966	10.8 AT 10:30 EST ON DEC 8	10.1 ON DEC 8	0 ON JUL 21 *	34 700	1966
1967	7.87 AT 17:40 EST ON DEC 22	6.80 ON DEC 22	0.340 ON SEP 2	38 800	1967
1968	19.3 B AT 18:30 EST ON FEB 2	15.6 B ON FEB 2	0.280 ON JUL 23	42 800	1968
1969	28.0 B AT 02:30 EST ON JAN 31	20.0 B ON JAN 31	0.337 ON SEP 15	51 400	1969
1970	6.28 AT 10:30 EST ON APR 3	5.97 ON APR 3	0.142 ON AUG 6	32 400	1970
1971	---	8.91B ON FEB 26	0.022 ON AUG 4	30 100	1971
1972	---	17.0 B ON MAR 15	0.317 ON AUG 23	50 800	1972
1973	11.5 AT 14:55 EST ON MAR 15	10.5 ON MAR 15	0.170 ON JUL 23	41 800	1973
1974	11.6 AT 19:35 EST ON MAR 5	10.2 ON MAR 5	0.260E ON AUG 15	45 200	1974
1975	8.67 AT 06:40 EST ON FEB 25	8.10 ON FEB 25	0.188 ON AUG 2	51 700	1975
1976	28.4 AT 18:18 EST ON MAR 5	24.8 ON MAR 5	0.438E ON SEP 8	57 800	1976
1977	22.6 AT 00:52 EST ON APR 24	17.8 ON APR 24	0.170 ON JUL 28	53 200	1977
1978	---	---	---	---	1978
				44 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	1.01	0.238	---	---	---	---	---	---	---	---	---	1955
1956	---	---	1.54	0.423	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.506	0.537	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.532	0.127	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.33	0.698	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.914	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.382	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.131	---	---	---	---	---	---	---	---	---	1962
1964	---	---	---	0.217	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.788	---	---	---	---	---	0.228	0.483	1.08	---	1965
1966	0.180	0.885	0.928	0.520	0.128	0.311	0.002	0.028	0.008	0.016	0.842	0.883	0.383	1966
1967	0.414	0.180	1.25	0.880	0.142	0.454	0.088	0.013	0.018	0.533	0.883	0.903	0.478	1967
1968	0.458	0.737	1.02	0.258	0.114	0.488	0.013	0.004	0.034	0.128	0.598	0.331	0.348	1968
1969	0.877	0.254	0.721	0.712	0.517	0.048	0.001	0	0	0	0.258	0.338	0.312	1969
1970	0.311	0.818	1.81	0.888	0.248	0.022	0.233	0.024	0	0.008	0.184	0.887	0.411	1970
1971	0.192	1.88	1.23	0.333	0.037	0.008	0	0.135	0.009	0.021	0.104	1.08	0.418	1971
1972	0.447	0.088	1.43	1.10	0.178	0.030	0.018	0	0	0.170	0.728	1.36	0.483	1972
1973	0.974	0.188	1.84	0.233	0.227	0.083	0.005	0.003	0	0.002	0.537	0.541	0.388	1973
1974	1.03	0.880	1.18	0.822	0.801	0.013	0.003	0	0	0	0.082	0.184	0.380	1974
1975	0.778	0.828	1.48	1.30	0.134	0.348	0.003	0.081	0.080	0.017	0.080	0.382	0.448	1975
1976	0.228	2.77	1.58	0.887	0.478	0.038	0.382	0.028	0.080	0.208	0.388	0.088	0.585	1976
1977	0.083	0.420	2.81	0.384	0.043	0.053	0.011	0	0.137	0.184	0.427	1.74	0.504	1977
1978	0.078	0.033	2.22	1.50	0.251	0.017	0	0	0.002	0.013	0.022	0.138	0.358	1978
1979	0.377	0.055	1.71	1.78	0.184	0.032	0.054	0.011	0	0.010	0.483	0.851	0.483	1979
1980	0.180	0.088	2.32	0.851	0.180	0.188	0.082	0.010	0.014	0.478	0.043	0.448	0.407	1980
1981	0.082	3.42	0.388	0.515	0.237	0.284	0.055	0.028	0.875	1.85	0.852	0.705	0.718	1981
1982	1.13	0.102	5.82	0.878	0.285	0.188	0.012	0.047	0.039	0.437	1.88	2.89	1.12	1982
1983	0.362	1.15	0.448	0.771	1.00	0.287	0.038	0.071	0.036	0.018	0.492	1.81	0.518	1983
1984	0.038	3.80	1.87	0.474	0.313	0.881	0.120	0.014	0.843	0.038	1.43	1.75	0.938	1984
1985	0.841	5.76	7.10	1.18	0.058	0.083	0.018	0.221	0.883	0.849	2.07	0.708	1.81	1985
1986	1.78	0.428	2.88	0.727	0.318	0.880	0.021	0.047	4.30	1.83	0.227	1.37	1.24	1986
1987	0.380	0.141	1.80	0.848	0.033	0.013	0.021	0	0.012	0.330	1.31	2.48	0.809	1987
1988	0.117	0.882	1.38	0.258	0.058	0.004	0.018	0.008	0	1.08	1.88	0.582	0.475	1988
MEAN	0.481	1.07	1.78	0.888	0.284	0.208	0.051	0.033	0.320	0.337	0.848	0.888	0.588	MEAN

LOCATION - LAT 43 08 38 N LONG 81 43 56 W DRAINAGE AREA, 41.4 km²
NATURAL FLOW

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	24.6 AT 21:00 EST ON DEC 6	7.83 ON DEC 7	0 ON JUN 27 *	11 100	1966
1967	22.2 AT 02:00 EST ON APR 3	8.29 ON OCT 16	0 ON AUG 17	15 100	1967
1968	17.38 AT 22:46 EST ON FEB 1	8.838 ON FEB 2	0 ON JUL 14	10 900	1968
1969	14.7 AT 05:14 EST ON JAN 30	10.8 ON JAN 30	0 ON JUN 26	9 830	1969
1970	33.4 AT 14:30 EST ON APR 2	9.23 ON APR 2	0 ON JUN 6	13 000	1970
1971	---	8.828 ON FEB 27	0 ON MAY 20	13 200	1971
1972	23.3 AT 21:00 EST ON APR 16	14.6 ON DEC 31	0 ON MAY 26	14 700	1972
1973	18.0 AT 14:24 EST ON MAR 11	8.37 ON MAR 11	0 ON JUN 16	12 500	1973
1974	32.8 AT 01:22 EST ON MAR 5	11.0 ON MAR 5	0 ON JUN 11	12 000	1974
1975	35.4 AT 04:04 EST ON APR 19	12.1 ON APR 19	0 ON JUL 7	14 200	1975
1976	30.9 AT 04:57 EST ON MAR 3	16.3 ON MAR 3	0 ON AUG 30	17 900	1976
1977	22.4 AT 18:18 EST ON MAR 8	13.2 ON MAR 8	0 E ON JUN 19	15 900	1977
1978	---	16.6 B ON MAR 22	0 ON JUN 28	11 300	1978
1979	---	16.0 E ON APR 14	0 ON JUN 18	14 600	1979
1980	25.6 AT 18:02 EST ON MAR 17	17.3 ON MAR 17	0 ON AUG 28	12 900	1980
1981	26.2 AT 17:47 EST ON FEB 17	19.5 ON FEB 17	0.001 ON AUG 25	22 600	1981
1982	41.8 AT 02:04 EST ON MAR 31	22.5 B ON MAR 14	0 ON JUL 16	35 200	1982
1983	27.5 AT 17:37 EST ON DEC 12	15.4 ON DEC 12	0 ON JUL 13	16 300	1983
1984	53.5 AT 01:00 EST ON FEB 14	30.7 ON FEB 13	0 ON JUL 30	29 700	1984
1985	---	47.8 B ON FEB 24 *	0 ON JUL 18	50 700	1985
1986	83.5 AT 07:15 EST ON JUN 12 *	28.7 ON SEP 30	0 ON SEP 6	38 000	1986
1987	36.1 AT 22:04 EST ON NOV 25	16.3 ON NOV 25	0 ON JUN 19	19 200	1987
1988	---	11.2 ON MAR 24	0 ON JUN 15	15 000	1988
				18 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	0.026	0.022	0.023	0.026	---	---	---	---	1972
1973	---	---	---	---	---	---	0.119	0.596	0.117	0.036	---	---	---	1973
1974	---	---	---	---	---	0.021	0.022	0.436	---	---	---	---	---	1974
1975	---	---	---	---	---	0.157	0.500	0.488	0.377	---	---	---	---	1975
1976	---	---	---	---	---	---	0.532	0.482	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	0.383	0.162	---	---	---	---	1977
1978	---	---	---	---	---	0.022	0.021	0.026	0.021	---	---	---	---	1978
1979	---	---	---	---	0	0.060	0.389	0.402	0.161	0.012	---	---	0.171	1979
1980	---	---	---	---	---	---	---	0.262	0.071	---	---	---	---	1980
1981	---	---	---	---	---	---	0.280	0.378	0.045	---	---	---	---	1981
1982	---	---	---	---	---	---	0.291	0.240	0.008	---	---	---	---	1982
1983	---	---	---	---	---	---	0.257	0.265	---	---	---	---	---	1983
1984	---	---	---	---	---	0.002	0.334	0.328	0.036	---	---	---	---	1984
1985	---	---	---	---	---	0	0.248	0.347	---	---	---	---	---	1985
1986	---	---	---	---	---	0	0.002	0.001	---	---	---	---	---	1986
1987	---	---	---	---	---	---	0.228	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	0.121	0.082	---	---	---	---	---	1988
MEAN	---	---	---	---	0	0.035	0.224	0.283	0.104	0.018	---	---	0.171	MEAN

LOCATION - LAT 45 01 46 N
LONG 74 53 20 W REGULATED

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC008

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	1.02 AT 18:30 EST ON SEP 1	0.509 ON JUL 3 *	---	---	1976
1977	1.03 AT 20:51 EST ON JUL 17	0.484 ON JUL 17	---	---	1977
1978	---	0.051 ON AUG 16	0.020 ON JUN 11	---	1978
1979	0.512 AT 08:37 EST ON AUG 1	0.487 ON JUL 28	0 E ON MAY 1 *	2 730	1979
1980	0.456 AT 15:05 EST ON JUL 15	0.420 ON JUL 11	---	---	1980
1981	0.518 AT 11:48 EST ON JUL 7	0.458 ON JUL 13	---	---	1981
1982	1.12 E AT 14:28 EST ON JUL 8 *	0.435 ON JUL 9	---	---	1982
1983	0.437 AT 14:58 EST ON JUL 8	0.402 ON JUL 9	---	---	1983
1984	0.668 AT 09:42 EST ON JUL 4	0.429 ON AUG 16	---	---	1984
1985	0.551 AT 09:00 EST ON AUG 2	0.443 ON AUG 28	---	---	1985
1986	---	---	---	---	1986
1987	0.361 AT 18:20 EST ON JUN 28	0.329 ON JUN 28	0.086 ON JUN 22	---	1987
1988	---	0.340 ON JUN 15	0.011 ON JUL 16	---	1988
				2 730	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	5.01	8.50	5.71	---	1919
1920	2.40	2.01	7.85	14.5	8.67	4.43	5.74	3.77	3.10	3.69	4.63	4.61	5.54	1920
1921	4.78	3.95	16.0	16.8	11.4	3.77	3.03	2.64	2.95	3.78	4.23	5.86	6.62	1921
1922	4.13	3.71	5.55	24.4	9.80	4.11	4.64	3.79	3.78	3.73	3.98	4.09	6.30	1922
1923	3.30	1.64	2.73	15.6	22.4	6.26	3.30	3.71	4.00	4.79	4.37	3.67	6.34	1923
1924	2.65	2.92	4.92	16.9	19.3	5.66	3.55	3.50	3.64	3.90	4.08	4.05	6.38	1924
1925	3.18	3.82	5.41	23.5	8.83	10.8	3.78	2.82	3.50	3.18	4.37	4.10	6.43	1925
1926	3.18	3.64	4.24	7.88	23.9	6.53	6.37	3.20	3.61	3.39	12.6	7.07	7.33	1926
1927	3.83	4.26	11.6	11.5	10.0	7.56	6.11	4.13	4.13	6.68	7.80	14.0	7.88	1927
1928	4.78	3.89	5.70	37.1	24.7	12.5	9.84	8.72	6.74	22.1	15.0	8.67	13.3	1928
1929	7.19	5.35	12.1	37.8	22.5	5.86	4.08	3.80	5.63	3.08	3.15	2.24	8.41	1929
1930	2.88	3.38	3.37	14.5	10.0	6.98	3.40	2.31	3.80	2.07	2.28	2.34	4.75	1930
1931	1.81	1.50	1.88	10.4	4.71	2.12	2.40	2.22	3.58	3.26	3.58	3.07	3.33	1931
1932	7.55	6.02	4.04	16.8	7.38	3.57	2.90	2.75	4.10	12.2	12.7	9.19	7.88	1932
1933	7.80	4.08	5.20	27.3	8.10	4.08	1.98	2.75	3.58	4.03	2.28	2.46	6.12	1933
1934	4.03	2.36	2.92	15.6	17.0	3.97	3.04	2.97	4.29	2.96	6.41	7.40	6.34	1934
1935	3.20	3.07	6.88	15.0	7.84	7.66	6.82	3.04	3.61	3.13	3.90	3.35	5.63	1935
1936	3.82	4.29	6.10	11.4	17.3	4.15	3.37	4.10	3.10	4.08	5.53	7.06	6.21	1936
1937	13.4	7.00	4.86	20.0	12.6	4.14	3.44	3.84	5.19	3.86	5.24	3.63	7.23	1937
1938	4.86	4.84	13.4	24.9	8.18	4.81	3.97	3.49	3.23	2.84	2.37	3.10	6.86	1938
1939	4.16	3.80	4.31	15.1	17.1	3.81	2.89	4.32	2.92	3.20	3.48	2.22	5.71	1939
1940	2.21	1.92	2.59	8.53	12.8	6.86	3.54	4.03	4.07	4.22	7.37	5.45	5.30	1940
1941	4.86	3.77	3.80	22.3	5.87	3.80	2.84	2.17	2.22	3.78	10.1	6.87	5.81	1941
1942	4.86	5.01	8.08	26.5	13.7	5.83	2.74	3.38	4.22	3.02	5.15	5.15	7.27	1942
1943	3.81	2.95	5.80	15.8	24.1	9.45	6.01	4.36	7.50	3.03	4.18	3.20	7.80	1943
1944	2.73	2.52	3.48	12.6	10.8	2.89	2.84	2.15	3.03	4.01	3.73	3.04	4.45	1944
1945	2.82	2.22	13.5	10.5	8.27	7.88	2.82	2.89	2.87	6.02	5.78	2.87	5.87	1945
1946	7.80	4.81	17.5	8.03	6.80	3.89	1.98	2.03	2.38	2.27	2.82	4.38	5.41	1946
1947	3.84	3.82	4.03	27.0	23.1	13.0	6.38	4.31	7.68	4.33	6.04	4.14	8.83	1947
1948	4.81	4.78	9.85	24.2	10.4	2.81	2.26	2.48	3.88	4.77	8.00	5.04	6.88	1948
1949	5.80	5.44	11.3	24.7	8.85	5.11	3.15	3.81	3.46	2.87	3.37	4.78	6.88	1949
1950	8.31	5.43	8.80	13.1	7.80	4.71	3.00	5.39	3.48	2.36	5.43	4.08	6.04	1950
1951	4.27	7.43	6.83	35.4	11.1	3.85	4.34	8.11	4.26	8.46	9.86	7.21	8.23	1951
1952	6.88	4.09	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	4.74	3.95	7.06	19.2	13.0	5.75	4.01	3.51	4.04	4.84	5.84	4.88	6.70	MEAN

LOCATION - LAT 45 57 48 N DRAINAGE AREA, 420 km²
LONG 78 24 21 W REGULATED

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	21.8 ON MAR 28	1.67B ON MAR 5	175 000	1920
1921	---	33.1 ON MAR 31	2.10 ON SEP 3	209 000	1921
1922	---	42.5 ON APR 11	2.01 ON AUG 5	199 000	1922
1923	---	61.0 ON APR 28	1.22RB ON FEB 6 *	200 000	1923
1924	---	40.2 ON MAY 21	2.29 ON AUG 24	202 000	1924
1925	---	27.5 ON APR 15	1.83 ON JUL 28	203 000	1925
1926	---	36.0 ON MAY 7	2.75B ON JAN 2	231 000	1926
1927	---	34.8 ON DEC 13	2.69 ON AUG 15	242 000	1927
1928	---	88.0 ON APR 8 *	3.74 ON AUG 27	421 000	1928
1929	---	62.3 ON APR 11	1.93RB ON DEC 26	297 000	1929
1930	---	25.9 ON APR 19	1.38 ON AUG 3	150 000	1930
1931	---	18.3 ON APR 17	1.33 ON AUG 3	105 000	1931
1932	---	27.5 ON APR 12	1.70 ON JUN 15	240 000	1932
1933	---	45.3 ON APR 16	1.87 ON JUL 28	193 000	1933
1934	---	38.4 ON MAY 3	1.76RB ON FEB 24	200 000	1934
1935	---	18.7 ON APR 15	2.15 ON OCT 19	178 000	1935
1936	---	32.3 ON DEC 31	1.78 ON JUL 5	185 000	1936
1937	---	37.7 ON APR 8	2.35 ON JUN 14	228 000	1937
1938	---	45.9 ON APR 1	2.04 ON NOV 30	210 000	1938
1939	---	44.7 ON APR 29	2.04 ON NOV 25	180 000	1939
1940	---	21.0 ON MAY 28	1.70RB ON JAN 29	167 000	1940
1941	---	38.1 ON APR 21	1.88 ON AUG 12	188 000	1941
1942	---	36.6 ON APR 21	2.15 ON JUL 12	228 000	1942
1943	---	43.6 ON APR 29	2.44 ON OCT 12	240 000	1943
1944	---	30.3 ON APR 25	1.81 ON AUG 27	141 000	1944
1945	---	28.6 ON MAR 23	2.06B ON FEB 22	178 000	1945
1946	---	30.0 ON MAR 21	1.84 ON JUL 15	171 000	1946
1947	---	48.2 ON APR 15	2.63RB ON JAN 12	278 000	1947
1948	---	40.8 ON APR 11	1.58 ON AUG 7	215 000	1948
1949	---	29.7 ON APR 8	2.24B ON DEC 6	220 000	1949
1950	---	30.8 ON MAR 28	1.87 ON OCT 8	180 000	1950
1951	---	52.7 ON APR 15	2.39 ON AUG 1	281 000	1951
1952	---	9.54B ON JAN 15	3.08B ON FEB 29	---	1952
				212 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	7.85	10.0	3.88	2.87	3.14	4.88	3.61	5.84	3.44	---	1956
1957	4.58	3.58	4.80	9.71	3.82	4.55	10.7	1.80	5.41	5.40	10.5	10.0	6.30	1957
1958	5.73	4.43	4.31	7.27	2.81	3.95	8.70	2.58	4.05	3.78	3.08	4.18	4.68	1958
1959	2.76	2.94	3.40	14.7	7.04	3.19	3.25	3.89	3.50	6.53	11.1	6.10	5.61	1959
1960	4.40	4.88	5.02	20.1	11.2	3.38	4.37	2.89	1.83	3.88	3.88	2.72	5.71	1960
1961	3.11	3.11	4.16	8.79	5.13	2.98	3.83	2.48	2.38	2.37	2.65	3.61	3.73	1961
1962	3.63	3.44	4.10	10.3	6.02	2.38	1.89	1.32	1.38	1.67	1.89	1.84	3.28	1962
1963	1.88	2.05	2.84	9.58	5.76	3.80	1.98	2.55	2.57	2.21	2.03	2.33	3.36	1963
1964	2.23	3.84	3.81	7.73	4.38	2.18	1.92	1.89	1.86	1.80	1.88	2.50	2.83	1964
1965	3.01	3.83	3.08	7.90	14.8	2.80	2.01	2.45	3.54	6.57	7.15	6.58	5.31	1965
1966	6.82	6.14	5.53	10.4	6.28	4.75	1.67	1.61	1.36	1.70	4.44	10.7	5.19	1966
1967	5.11	5.38	4.75	15.7	4.88	4.78	2.55	2.32	2.57	5.55	11.1	5.77	5.85	1967
1968	4.83	6.26	5.72	12.6	3.87	3.40	2.80	2.58	2.51	1.83	2.12	2.87	4.31	1968
1969	3.70	3.81	3.63	12.8	14.3	5.00	3.71	3.41	6.88	5.94	10.7	6.38	6.67	1969
1970	4.62	4.15	3.38	10.2	8.87	5.36	6.18	3.55	3.80	5.01	4.87	5.27	5.71	1970
1971	4.10	3.84	5.81	16.0	10.5	3.57	1.56	1.53	1.17	1.78	2.30	4.53	4.68	1971
1972	4.06	4.87	4.47	10.6	21.0	7.49	6.01	5.78	4.86	5.49	7.86	8.57	7.33	1972
1973	7.00	6.41	12.6	14.7	7.46	7.95	6.82	3.32	2.69	2.84	3.78	5.80	6.78	1973
1974	5.04	7.88	8.34	18.1	13.0	4.71	---	---	2.88	3.89	7.05	4.51	---	1974
1975	5.76	5.48	4.83	8.07	11.3	2.73	2.25	1.76	2.85	4.33	4.47	5.48	5.38	1975
1976	4.03	5.18	10.8	15.7	8.05	4.06	4.09	1.99	2.86	1.85	2.84	3.07	5.82	1976
1977	3.82	3.59	7.20	14.6	3.87	1.83	1.70	2.07	---	---	6.88	6.37	---	1977
1978	3.43	3.37	3.23	7.36	11.3	3.50	1.28	1.88	2.14	5.39	4.34	4.51	4.32	1978
1979	4.80	4.36	6.60	15.8	8.46	3.87	1.96	1.91	2.18	5.20	7.90	7.21	5.98	1979
1980	6.43	3.71	4.13	17.8	5.03	7.76	5.81	5.72	6.27	8.64	7.66	5.19	6.97	1980
1981	3.06	6.60	7.88	14.5	8.34	6.98	3.94	4.58	10.2	11.6	8.00	4.89	7.23	1981
1982	4.13	4.29	4.40	15.0	5.89	2.63	1.58	1.02	2.89	4.34	7.78	11.3	5.43	1982
1983	7.66	4.12	5.68	7.48	14.3	5.03	1.55	1.94	2.32	2.39	6.71	5.74	5.44	1983
1984	3.25	7.16	5.85	14.5	8.26	7.88	6.28	2.14	2.43	3.30	7.88	6.18	6.17	1984
1985	5.83	5.48	5.28	20.4	7.46	2.80	4.40	3.80	3.01	4.00	5.88	4.85	6.18	1985
1986	4.20	3.77	5.05	16.6	6.69	5.83	2.41	2.11	1.52	3.15	2.20	3.01	4.77	1986
1987	3.75	2.78	4.36	8.88	2.43	2.51	1.81	2.50	1.28	2.48	3.77	5.20	3.48	1987
1988	4.15	5.36	4.28	16.7	6.26	1.88	1.89	2.78	2.08	7.08	9.87	6.78	5.80	1988
MEAN	4.44	4.57	5.34	12.7	8.23	4.16	3.58	2.67	3.18	4.28	5.85	5.37	5.33	MEAN

LOCATION - LAT 45 50 54 N DRAINAGE AREA, 318 km²
LONG 79 22 46 W REGULATED

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	17.7 ON MAY 17	---	---	1956
1957	---	36.2 ON JUL 2	1.76 ON AUG 25	198 000	1957
1958	---	26.1 ON JUL 12	1.80 ON AUG 10	147 000	1958
1959	---	27.3 ON APR 21	1.87 ON JUN 26	177 000	1959
1960	---	35.4 ON APR 19	1.87 ON SEP 24	180 000	1960
1961	---	16.7 ON APR 18	1.81 ON APR 6	116 000	1961
1962	---	20.1 ON APR 25	1.15 ON SEP 25	104 000	1962
1963	---	22.6 ON APR 4	0.487 ON NOV 15	106 000	1963
1964	---	21.7 ON APR 16	0.983 ON OCT 2	82 800	1964
1965	---	24.2 ON MAY 5	1.54 ON AUG 7	187 000	1965
1966	---	23.8 ON APR 24	0.288 ON SEP 26	164 000	1966
1967	---	21.0 ON NOV 5	0.806 ON AUG 29	185 000	1967
1968	---	23.2 ON APR 8	1.40 ON DEC 22	136 000	1968
1969	---	23.0 ON APR 16	2.24 ON JUL 26	210 000	1969
1970	---	24.8 ON JUL 23	2.46 ON MAR 27	180 000	1970
1971	---	28.7 ON APR 24	0.784 ON SEP 16	148 000	1971
1972	59.2 AT 08:21 EST ON MAY 6 *	55.8 ON MAY 6 *	1.39 ON APR 12	232 000	1972
1973	25.8 AT 16:57 EST ON APR 4	25.4 ON APR 4	2.43 ON OCT 12	213 000	1973
1974	32.3 AT 07:10 EST ON APR 18	32.3 ON APR 18	---	---	1974
1975	28.1 AT 08:33 EST ON MAY 3	27.9 ON MAY 2	0.051 ON APR 10 *	170 000	1975
1976	35.7 AT 00:04 EST ON APR 2	35.4 ON APR 2	0.820 ON APR 22	175 000	1976
1977	21.8 AT 21:06 EST ON APR 3	21.8 ON APR 3	---	---	1977
1978	23.8 AT 08:30 EST ON APR 30	23.8 ON APR 30	0.098E ON JUL 24	136 000	1978
1979	27.6 AT 20:23 EST ON APR 28	27.5 ON APR 28	0.851 ON JUL 11	188 000	1979
1980	38.8 AT 14:13 EST ON APR 11	38.3 ON APR 11	2.21 ON MAR 16	220 000	1980
1981	30.4 AT 04:34 EST ON APR 6	29.8 ON APR 8	0.583 ON APR 25	226 000	1981
1982	35.2 AT 21:20 EST ON APR 19	33.8 ON APR 19	0.408 ON MAY 21	171 000	1982
1983	29.7 AT 18:56 EST ON MAY 10	28.7 ON MAY 10	0.618 ON SEP 29	172 000	1983
1984	22.5 AT 01:56 EST ON APR 19	22.3 ON APR 19	1.27 ON AUG 8	195 000	1984
1985	57.5 AT 20:17 EST ON APR 24	55.7 ON APR 24	1.27 ON JUN 14	195 000	1985
1986	41.8 AT 18:47 EST ON APR 2	41.1 ON APR 2	1.14 ON SEP 3	150 000	1986
1987	22.5 AT 08:31 EST ON MAR 31	22.3 ON MAR 31	0.838 ON SEP 18	109 000	1987
1988	---	36.3 ON APR 7	0.821 ON JUN 11	177 000	1988
				188 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	20.2	14.0	8.41	38.5	19.3	6.96	5.23	5.18	5.87	5.81	11.0	8.18	12.2	1937
1938	6.70	7.83	30.3	40.9	14.1	5.87	5.84	5.85	5.48	5.76	6.22	3.87	11.6	1938
1939	6.80	6.43	6.55	36.3	22.6	6.99	3.76	5.56	3.47	5.65	6.71	3.50	9.48	1939
1940	3.77	3.40	3.32	19.0	21.6	11.4	5.34	5.86	6.56	7.23	16.2	8.08	9.31	1940
1941	7.43	6.24	6.82	43.3	6.45	4.67	3.71	2.81	3.10	5.38	16.3	9.41	8.88	1941
1942	7.42	6.28	14.4	46.6	18.8	6.11	4.14	3.88	4.18	5.71	7.88	6.38	11.0	1942
1943	4.31	4.63	6.10	37.7	33.0	15.1	6.71	5.66	6.69	4.96	6.56	6.15	11.6	1943
1944	4.27	4.67	6.38	26.1	14.5	3.80	3.62	3.13	2.92	5.27	6.46	4.48	7.03	1944
1945	4.14	4.17	28.1	16.6	16.4	10.6	3.16	3.14	3.88	5.61	9.78	6.88	9.40	1945
1946	10.6	8.86	34.3	13.2	11.3	6.17	2.84	2.40	2.95	3.17	3.62	7.05	8.68	1946
1947	5.86	6.26	7.48	84.7	32.6	18.6	6.31	4.67	12.6	6.27	9.24	6.58	14.2	1947
1948	6.50	5.67	21.8	38.6	20.6	6.17	4.46	3.72	3.76	6.96	13.2	7.58	11.6	1948
1949	10.7	6.80	20.0	42.0	13.0	6.18	4.06	4.31	3.96	3.68	4.34	6.18	10.6	1949
1950	14.8	8.33	15.0	23.3	13.1	7.97	3.80	6.32	6.26	3.77	11.6	6.26	10.1	1950
1951	6.88	9.28	16.4	87.0	14.6	6.68	6.35	6.76	4.61	15.7	18.7	11.6	16.1	1951
1952	9.18	7.87	7.88	40.6	13.0	6.11	4.03	6.80	7.16	4.58	6.66	9.37	10.3	1952
1953	8.47	10.2	26.4	17.6	12.0	6.38	3.66	2.76	3.32	6.34	4.06	9.23	9.30	1953
1954	8.08	9.84	16.6	36.3	16.6	24.6	9.94	4.43	6.23	22.2	16.6	9.67	14.6	1954
1955	8.16	8.08	10.2	32.2	7.96	6.17	2.40	2.63	2.38	7.71	12.2	6.43	8.76	1955
1956	6.11	4.32	6.48	24.6	21.1	6.20	6.23	6.48	10.6	7.77	12.6	6.31	8.87	1956
1957	8.38	8.88	11.2	23.6	8.72	13.3	23.4	1.37	12.1	16.6	23.1	22.3	14.4	1957
1958	10.4	7.62	8.08	18.6	7.38	7.12	20.0	4.26	6.94	9.14	7.86	6.54	9.58	1958
1959	6.13	6.63	7.61	38.4	13.7	9.32	6.26	6.61	7.86	11.7	23.1	11.4	12.2	1959
1960	6.30	10.1	6.81	62.0	24.2	7.07	6.47	4.08	3.78	6.64	8.62	6.76	12.4	1960
1961	6.23	6.86	6.70	24.6	12.0	6.72	7.87	4.76	7.37	6.40	7.06	6.52	8.83	1961
1962	7.06	7.42	8.30	26.2	16.0	4.13	2.87	1.77	3.36	4.34	4.21	3.36	7.86	1962
1963	4.42	4.46	6.77	27.3	16.0	6.98	3.83	4.06	3.74	3.20	6.34	4.26	7.59	1963
1964	4.47	6.31	10.7	18.2	8.87	3.56	2.46	2.61	3.41	3.78	4.63	6.81	6.36	1964
1965	6.60	7.81	6.88	26.6	28.2	4.06	3.06	7.28	7.90	12.3	14.8	16.6	11.7	1965
1966	14.3	11.1	16.1	26.3	12.6	10.6	2.26	2.78	2.26	3.92	11.2	20.3	11.1	1966
1967	6.93	9.73	7.16	43.1	10.4	6.30	6.66	3.88	6.24	12.7	24.3	16.3	12.8	1967
1968	8.31	11.0	11.3	32.6	8.72	6.74	4.23	3.88	4.40	3.46	4.16	6.32	8.76	1968
1969	6.63	6.87	7.46	34.4	34.0	10.8	6.82	6.87	6.74	11.3	21.6	9.77	13.7	1969
1970	8.36	6.27	6.07	35.8	21.6	13.0	21.7	6.72	11.1	12.4	11.6	11.6	14.3	1970
1971	13.6	26.0	27.6	46.6	20.2	6.98	3.48	6.06	6.82	6.80	10.7	13.1	16.4	1971
1972	6.27	10.6	6.61	37.6	41.6	14.7	11.4	12.4	6.40	12.1	16.4	8.76	16.8	1972
1973	11.6	6.27	30.2	36.3	20.1	26.8	13.0	6.86	6.70	6.13	11.6	14.1	16.3	1973
1974	10.7	13.3	16.0	47.8	44.6	13.0	6.80	4.86	6.26	10.4	16.1	10.0	17.1	1974
1975	10.6	6.34	7.71	30.6	24.1	6.84	4.24	3.32	6.44	6.84	10.4	16.6	12.0	1975
1976	7.17	6.06	36.7	38.6	21.3	6.16	6.84	4.13	6.66	4.66	6.06	6.56	13.2	1976
1977	6.23	6.80	21.0	33.2	7.16	4.06	2.76	6.83	6.82	14.6	14.7	14.2	11.4	1977
1978	7.36	6.82	6.83	27.1	23.7	6.83	3.16	3.67	6.66	12.6	9.40	6.47	6.80	1978
1979	6.60	6.81	26.7	44.3	16.6	6.82	6.82	6.30	4.92	11.6	16.3	14.6	14.4	1979
1980	14.0	7.63	12.7	46.2	12.6	16.4	10.4	11.0	13.4	22.3	17.6	11.7	16.6	1980
1981	6.36	24.4	20.3	36.6	21.4	15.2	7.62	6.76	21.6	24.3	12.3	11.3	17.6	1981
1982	6.64	6.00	12.1	46.3	13.6	6.72	3.66	2.66	7.16	11.7	16.6	26.3	13.6	1982
1983	14.4	6.30	20.1	20.1	34.6	11.2	3.41	3.60	6.63	7.42	16.3	12.0	13.3	1983
1984	6.16	21.4	16.6	41.4	16.6	---	---	---	---	---	---	---	---	1984
MEAN	8.41	8.66	14.2	34.7	16.6	9.21	6.33	4.90	6.66	8.66	11.6	9.66	11.6	MEAN

LOCATION - LAT 46 05 48 N
LONG 79 26 46 W

DRAINAGE AREA, 787 km²
REGULATED

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	101 ON APR 6	2.18 ON SEP 4	385 000	1937
1938	---	104 ON APR 1	1.05 ON DEC 11	365 000	1938
1939	---	86.1 ON APR 27	1.16 ON DEC 24	298 000	1939
1940	---	39.6 ON NOV 12	0.878 ON JUL 14	285 000	1940
1941	---	128 ON APR 21	2.10 ON AUG 3	311 000	1941
1942	---	82.0 ON APR 6	2.86 ON OCT 28	348 000	1942
1943	---	105 ON APR 26	2.89 ON JAN 10	371 000	1943
1944	---	84.3 ON APR 26	1.86 ON SEP 3	222 000	1944
1945	---	78.2 ON MAR 18	2.10 ON JUL 1	297 000	1945
1946	---	83.8 ON MAR 22	0.908 ON AUG 4	274 000	1946
1947	---	139 ON APR 12 *	1.87 ON SEP 1	449 000	1947
1948	---	84.7 ON APR 9	1.27 ON AUG 15	384 000	1948
1949	---	83.1 ON MAR 28	1.10 ON JUL 17	344 000	1949
1950	---	77.0 ON MAR 29	0.991 ON OCT 8	320 000	1950
1951	---	104 ON APR 14	0.963 ON JUL 29	477 000	1951
1952	---	86.5 ON APR 19	1.02 ON JUL 27	327 000	1952
1953	---	71.8 ON MAR 24	0.821 ON SEP 20	293 000	1953
1954	---	74.5 ON OCT 16	1.16 ON AUG 6	481 000	1954
1955	---	80.7 ON APR 7	0.821 ON AUG 14	278 000	1955
1956	---	45.3 ON APR 17	1.08 ON AUG 12	315 000	1956
1957	---	138 ON JUN 30	0.680 ON AUG 18	455 000	1957
1958	---	87.5 ON JUL 11	0.991 ON AUG 17	302 000	1958
1959	---	78.4 ON APR 18	0.708 ON JUL 4	385 000	1959
1960	---	100 ON APR 18	0.566 ON JUN 13	394 000	1960
1961	82.0 AT 10:00 EST ON APR 17	83.8 ON APR 17	0.736 ON AUG 13	282 000	1961
1962	88.0 AT 12:00 EST ON APR 23	83.8 ON APR 24	0.624 ON DEC 17	238 000	1962
1963	87.8 AT 11:00 EST ON APR 3	83.0 ON APR 3	0.521 ON AUG 3	239 000	1963
1964	83.1 AT 04:00 EST ON APR 15	80.3 ON APR 15	0.555 ON JUN 10	201 000	1964
1965	86.4 AT 19:00 EST ON MAY 1	86.1 ON MAY 1	1.43 ON AUG 2	388 000	1965
1966	---	84.6 ON APR 22	1.34 ON SEP 9	351 000	1966
1967	88.8 AT 02:30 EST ON APR 2	84.8 ON APR 2	1.28 ON AUG 28	407 000	1967
1968	81.8 AT 03:00 EST ON APR 1	78.4 ON APR 1	2.11 ON JUL 17	277 000	1968
1969	76.3 AT 20:00 EST ON MAY 10	73.6 ON MAY 10	2.04 ON JUL 25	432 000	1969
1970	114 AT 05:30 EST ON JUL 22	102 ON JUL 22	3.43 E ON AUG 1	480 000	1970
1971	81.2 AT 09:35 EST ON APR 20	88.3 ON APR 20	0.580 ON JUL 12	486 000	1971
1972	84.8 AT 01:35 EST ON MAY 4	84.0 ON MAY 3	1.80 ON JUN 1	502 000	1972
1973	148 AT 01:50 EST ON JUN 26 *	125 ON JUN 26	2.80 ON SEP 10	615 000	1973
1974	123 AT 18:47 EST ON MAY 6	112 ON APR 15	0.698E ON AUG 15	540 000	1974
1975	88.1 AT 11:11 EST ON APR 24	78.7 ON APR 25	0.787 ON AUG 13	378 000	1975
1976	114 AT 18:26 EST ON APR 1	108 ON APR 1	0.847 ON JUL 31	418 000	1976
1977	86.6 AT 14:12 EST ON APR 3	83.7 ON APR 4	0.790 ON AUG 6	381 000	1977
1978	70.6 AT 22:23 EST ON APR 28	67.1 ON APR 29	0.648 ON AUG 22	312 000	1978
1979	87.3 AT 04:13 EST ON APR 26	80.4 ON APR 26	0.688 ON JUL 22	458 000	1979
1980	142 AT 12:15 EST ON APR 10	128 A ON APR 10	1.78 ON JUL 18	521 000	1980
1981	84.1 AT 23:02 EST ON APR 5	80.1 ON APR 5	4.18 ON JUL 17	585 000	1981
1982	137 AT 14:43 EST ON APR 18	121 ON APR 18	0.841 ON AUG 19	437 000	1982
1983	111 AT 03:18 EST ON MAY 6	102 ON MAY 6	0.820E ON AUG 29 *	416 000	1983
1984	72.3 AT 14:14 EST ON APR 5	66.3 ON APR 18	---	---	1984
				372 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER NEAR POWASSAN - STATION NO. 02DD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	42.5	22.3	8.35	3.82	3.81	4.78	4.46	7.80	5.92	---	1914
1915	3.89	4.07	4.80	29.0	11.0	7.70	4.81	7.24	4.52	9.66	8.29	6.97	6.47	1915
1916	10.8	9.48	11.7	51.8	27.6	12.3	4.56	2.62	6.48	14.3	15.0	25.1	15.9	1916
1917	5.85	3.14	9.36	45.4	26.6	16.1	25.0	8.85	3.88	11.1	10.4	5.85	14.3	1917
1918	3.56	2.93	9.44	33.6	18.7	8.58	4.20	2.85	4.63	14.7	15.7	12.8	11.1	1918
1919	7.48	4.76	15.5	31.3	25.1	10.5	2.31	3.81	3.51	9.92	18.3	15.4	12.6	1919
1920	4.34	3.54	24.4	28.6	13.1	8.59	6.80	8.09	4.24	5.75	8.24	7.58	9.84	1920
1921	8.17	4.91	40.2	25.9	16.3	8.14	4.02	3.58	3.87	8.67	10.5	11.1	11.8	1921
1922	5.51	4.78	18.6	63.5	15.0	8.98	8.98	4.85	5.08	5.71	8.52	8.38	12.1	1922
1923	4.01	2.16	3.89	46.1	38.8	11.6	4.53	5.52	5.58	5.71	6.23	7.04	11.7	1923
1924	3.83	3.58	8.84	35.2	27.6	8.88	5.32	5.09	5.03	5.63	7.84	8.38	10.2	1924
1925	3.78	8.21	12.2	42.0	15.8	15.3	5.56	3.91	4.77	5.17	10.4	8.89	11.0	1925
1926	4.02	3.78	3.93	22.3	42.3	10.1	12.6	4.24	4.80	5.23	22.9	9.10	12.1	1926
1927	4.98	5.80	21.1	19.3	17.7	11.6	10.5	5.88	5.88	12.4	17.1	17.8	12.5	1927
1928	7.50	6.88	11.8	77.5	37.9	17.7	14.4	9.55	15.4	38.7	24.2	16.5	23.2	1928
1929	8.79	5.90	25.4	85.8	34.4	9.90	6.35	5.70	5.95	5.34	5.17	4.81	15.3	1929
1930	6.65	6.53	7.24	25.7	17.7	15.3	8.78	5.08	5.96	4.63	5.13	4.91	8.48	1930
1931	3.73	2.10	3.17	25.2	10.1	4.36	3.88	3.82	4.32	4.48	7.72	6.03	6.57	1931
1932	14.5	10.7	8.48	36.4	11.8	5.93	8.00	4.20	7.16	23.2	21.8	17.8	13.9	1932
1933	12.1	6.85	9.11	53.0	13.4	8.36	3.83	3.87	4.34	5.46	5.08	4.53	10.8	1933
1934	4.62	4.25	5.52	40.7	25.0	5.87	4.48	3.73	5.44	4.70	12.2	9.17	10.4	1934
1935	4.86	4.28	14.2	27.6	12.3	13.0	9.96	4.02	4.16	5.52	8.31	5.80	8.51	1935
1936	4.62	4.57	14.1	25.8	25.9	8.58	4.02	4.40	4.64	9.13	10.3	13.1	10.6	1936
MEAN	5.15	5.11	12.8	38.3	22.1	8.58	7.08	4.85	5.42	9.47	11.6	9.77	12.0	MEAN

LOCATION - LAT 46 05 40 N, LONG 79 23 45 W DRAINAGE AREA, 781 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

SOUTH RIVER NEAR POWASSAN - STATION NO. 02DD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	112 ON APR 20	---	---	1914
1915	---	71.1 ON APR 11	1.84 ON SEP 14	267 000	1915
1916	---	121 ON APR 3	2.01 ON AUG 30	533 000	1916
1917	---	88.0 ON APR 22	2.10B ON FEB 13	452 000	1917
1918	---	77.8R ON APR 2	1.73 ON AUG 28	349 000	1918
1919	---	87.5R ON NOV 30	1.83 ON JUL 20	387 000	1919
1920	---	88.1R ON MAR 28	3.17 ON AUG 13	314 000	1920
1921	---	139 ON MAR 21	2.86 ON AUG 8	368 000	1921
1922	---	134 ON APR 12	3.85 ON JUL 30	384 000	1922
1923	---	139 ON APR 24	1.53RB ON FEB 5	389 000	1923
1924	---	78.0 ON APR 7	1.84B ON DEC 28	332 000	1924
1925	---	83.8 ON APR 4	1.78 ON JUL 26	348 000	1925
1926	---	114 ON MAY 3	2.88B ON MAR 7	383 000	1926
1927	---	88.5RB ON MAR 18	3.46 ON AUG 15	385 000	1927
1928	---	171 ON APR 8 *	4.81RB ON MAR 8	733 000	1928
1929	---	112 RB ON APR 8	3.82RB ON DEC 28	483 000	1929
1930	---	81.4 ON APR 14	1.87 ON JUL 13	288 000	1930
1931	---	47.0 ON APR 15	1.82 ON MAY 29	207 000	1931
1932	---	98.1 ON OCT 11	1.88 ON AUG 4	440 000	1932
1933	---	93.4 ON APR 13	2.68 ON JUL 20	333 000	1933
1934	---	83.3 ON APR 20	1.18 ON JUN 27 *	329 000	1934
1935	---	37.4 ON APR 12	2.83 ON AUG 22	200 000	1935
1936	---	82.7B ON DEC 28	2.85 ON SEP 30	338 000	1936
				378 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.70	4.33	5.62	43.6	8.82	4.28	2.26	1.41	1.22	3.28	5.12	7.85	7.58	1972
1973	16.2	8.66	32.1	12.2	8.80	6.12	2.00	1.35	1.00	1.53	5.48	5.63	8.27	1973
1974	5.89	7.26	28.1	26.2	20.0	5.89	1.76	1.80	1.38	1.96	6.12	3.68	9.26	1974
1975	6.43	6.76	17.6	42.8	8.12	2.82	1.82	2.01	2.71	2.42	3.26	11.9	8.20	1975
1976	4.10	10.6	52.0	16.9	8.86	2.82	6.81	1.80	3.88	6.07	6.86	4.41	10.7	1976
1977	2.68	2.89	42.8	16.6	2.44	1.34	2.16	11.1	14.1	16.7	16.1	10.6	11.6	1977
1978	4.84	3.13	7.85	40.6	10.5	3.92	1.24	1.89	5.43	6.82	6.89	5.30	7.84	1978
1979	4.89	2.86	37.8	34.7	9.88	2.36	1.44	1.88	1.81	6.12	13.3	17.6	11.1	1979
1980	5.78	2.88	21.0	24.6	4.06	2.82	6.86	2.42	3.88	6.16	6.71	10.6	8.26	1980
1981	2.34	26.3	11.1	9.66	6.80	2.86	1.16	1.86	5.80	11.2	8.48	6.42	7.86	1981
1982	3.84	1.83	16.2	60.4	3.88	4.47	1.87	1.66	2.00	2.23	16.3	26.3	10.8	1982
1983	7.11	6.34	16.6	14.3	13.7	3.84	1.41	1.38	2.74	5.87	6.67	6.46	7.34	1983
1984	3.43	32.0	17.3	16.3	4.48	4.06	1.81	0.786	1.86	1.73	9.32	17.4	8.11	1984
1985	6.86	16.1	36.1	46.1	6.82	3.04	1.23	1.30	3.88	6.13	17.8	7.26	12.4	1985
1986	8.30	4.26	36.0	16.2	8.74	4.86	2.86	4.31	38.8	24.1	6.87	7.26	13.1	1986
1987	8.36	3.86	26.6	16.6	2.23	1.86	1.82	1.46	0.881	2.16	7.83	14.1	7.06	1987
1988	6.61	12.1	16.7	14.6	4.76	1.27	0.764	0.886	0.944	3.17	12.3	8.16	6.86	1988
MEAN	6.00	8.06	24.8	28.0	7.71	3.53	2.26	2.24	5.30	6.37	9.36	9.62	9.34	MEAN

LOCATION - LAT 44 05 55 N
LONG 80 59 06 W
DRAINAGE AREA, 636 km^2
REGULATED

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	213 AT 07:55 EST ON APR 19	185 ON APR 19	0.857 ON SEP 24	240 000	1972
1973	105 AT 08:24 EST ON MAR 13	80.9 ON MAR 13	0.536 ON SEP 15	261 000	1973
1974	---	132 E ON MAR 7	1.00 ON AUG 24	282 000	1974
1975	251 AT 23:48 EST ON APR 19 *	224 ON APR 20 *	0.886 ON AUG 23	280 000	1975
1976	211 AT 17:30 EST ON MAR 21	171 ON MAR 21	0.892 ON AUG 31	338 000	1976
1977	251 AT 04:08 EST ON MAR 14	216 ON MAR 14	0.848 ON JUN 15	372 000	1977
1978	136 AT 08:15 EST ON APR 12	127 ON APR 12	0.892 ON SEP 8	280 000	1978
1979	218 AT 03:55 EST ON APR 15	189 ON APR 15	0.728 ON SEP 28	350 000	1979
1980	136 AT 18:55 EST ON MAR 21	88.6 ON MAR 22	0.837 ON AUG 24	281 000	1980
1981	134 AT 08:25 EST ON FEB 24	116 ON FEB 24	0.882 ON JUL 25	248 000	1981
1982	152 AT 08:02 EST ON APR 1	140 ON APR 1	0.800E ON AUG 16	348 000	1982
1983	39.9 AT 19:17 EST ON MAR 7	38.4 ON MAR 8	0.758 ON JUL 28	231 000	1983
1984	148 AT 11:32 EST ON DEC 30	136 ON DEC 30	0.876 ON AUG 22	288 000	1984
1985	176 AT 02:05 EST ON MAR 30	152 ON MAR 30	0.882 ON AUG 14	381 000	1985
1986	170 AT 11:16 EST ON SEP 12	103 ON SEP 12	0.898 ON JUL 8	414 000	1986
1987	84.8 AT 08:17 EST ON MAR 28	89.3 ON MAR 28	0.748 ON AUG 28	232 000	1987
1988	---	88.6 ON MAR 27	0.801 ON JUL 10 *	218 000	1988
				295 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	180	88.1	81.0	88.8	187	138	172	---	1915
1916	109	72.8	88.3	562	431	250	132	78.4	70.7	88.6	---	---	---	1916
1947	---	---	---	---	---	443	121	77.3	78.1	78.0	72.1	71.8	---	1947
1948	72.7	72.8	88.4	272	188	78.0	78.8	88.8	53.8	38.2	48.8	80.8	88.2	1948
1949	73.1	83.8	87.2	272	202	133	107	87.3	80.0	87.8	84.0	48.8	109	1949
1950	88.8	88.8	88.7	232	384	131	83.7	81.4	77.8	70.7	88.7	87.8	121	1950
1951	71.0	74.8	80.4	581	233	121	108	88.3	84.8	188	282	204	178	1951
1952	124	108	88.8	337	287	121	83.3	88.8	86.4	82.8	84.4	114	133	1952
1953	82.2	110	228	408	304	138	104	84.0	78.8	88.8	48.0	88.8	143	1953
1954	70.3	88.8	139	324	328	233	123	78.8	77.8	272	177	132	171	1954
1955	108	102	108	301	131	88.4	88.0	83.3	41.8	48.1	80.7	73.2	88.0	1955
1956	88.2	81.7	80.8	183	228	148	118	80.2	88.1	81.8	88.4	88.8	110	1956
1957	78.2	78.7	114	287	214	148	277	78.3	88.7	88.2	138	123	138	1957
1958	81.8	74.8	82.0	147	103	72.8	88.8	81.8	84.0	45.8	88.7	82.8	81.7	1958
1959	88.2	80.8	88.4	288	288	87.8	78.7	88.8	88.8	108	148	103	118	1959
1960	74.8	73.8	87.7	444	747	178	184	88.8	71.8	70.1	114	88.4	184	1960
1961	87.8	88.0	82.8	132	186	138	141	82.8	128	88.7	128	117	112	1961
1962	78.0	88.8	118	238	387	113	88.8	88.8	87.8	82.8	82.8	87.8	112	1962
1963	48.8	44.4	83.8	274	132	82.2	81.0	81.8	88.8	80.3	82.8	88.8	80.1	1963
1964	48.1	48.8	83.1	231	334	82.1	80.4	44.0	82.3	87.3	71.7	80.8	81.7	1964
1965	78.8	114	123	277	332	82.8	81.7	80.8	138	178	188	182	184	1965
1966	131	128	188	332	226	188	84.7	88.8	82.8	131	208	280	183	1966
1967	132	114	148	478	482	184	112	87.7	88.1	74.8	188	108	178	1967
1968	88.8	77.1	88.2	314	188	113	88.8	88.8	188	130	83.1	107	128	1968
1969	108	108	100	388	227	182	181	73.4	48.8	101	218	114	147	1969
1970	78.1	83.0	87.2	198	273	483	182	88.8	88.8	181	148	142	188	1970
1971	82.4	83.8	181	396	387	188	88.1	88.7	83.7	81.8	88.8	122	138	1971
1972	78.8	72.7	80.8	288	524	118	78.3	101	188	118	134	88.8	183	1972
1973	88.8	83.8	183	278	348	180	108	112	78.1	73.4	88.2	84.1	143	1973
1974	73.1	83.8	88.8	270	278	187	81.0	72.7	87.8	80.3	130	88.8	118	1974
1975	82.3	87.8	102	247	328	178	84.8	80.4	34.8	---	---	---	---	1975
1976	---	---	101	448	388	103	88.0	28.4	27.2	38.0	44.4	42.8	---	1976
1977	88.0	88.0	138	383	133	38.8	34.8	48.8	88.4	180	187	180	121	1977
1978	108	103	88.1	188	340	88.8	48.3	44.8	101	211	123	113	128	1978
1979	100	87.8	138	818	588	180	141	81.8	88.2	103	214	204	201	1979
1980	123	84.7	73.0	312	278	80.8	70.2	43.7	80.1	84.7	88.2	78.2	118	1980
1981	70.1	88.8	110	428	124	88.8	82.1	48.8	88.1	78.2	88.7	87.8	113	1981
1982	77.8	81.0	82.1	244	227	87.8	43.0	28.0	74.4	184	182	208	128	1982
1983	148	108	113	283	337	388	88.4	44.8	44.2	108	88.1	118	180	1983
1984	81.8	88.8	80.8	241	128	122	148	87.2	111	102	208	188	132	1984
1985	117	103	84.1	407	387	88.3	88.3	77.8	88.2	88.0	118	102	140	1985
1986	83.7	88.4	78.8	283	188	88.8	80.8	124	88.1	138	128	87.3	117	1986
1987	83.8	78.1	78.3	142	70.8	80.8	31.3	28.2	20.1	28.7	40.8	73.3	80.8	1987
1988	88.2	88.1	87.7	808	284	108	37.8	83.3	84.4	128	328	202	188	1988
MEAN	88.8	84.7	104	318	284	148	82.8	70.7	73.2	100	124	112	131	MEAN

LOCATION - LAT 48 18 08 N
LONG 81 48 20 W

DRAINAGE AREA, 11 400 km²
REGULATED

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER.

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	725 ON APR 27	---	---	1916
1947	---	---	---	---	1947
1948	---	385 ON APR 11	38.5 ON NOV 7	3 040 000	1948
1949	---	340 ON APR 25	15.8 ON DEC 25	3 430 000	1949
1950	---	572 ON MAY 8	10.3 ON SEP 4	3 820 000	1950
1951	---	1 050 ON APR 15	15.1 ON SEP 3	5 510 000	1951
1952	---	711 ON APR 23	40.5 ON JUL 1	4 210 000	1952
1953	---	479 ON APR 3	5.84 ON NOV 1	4 500 000	1953
1954	---	643 ON OCT 19	35.7 ON SEP 8	5 360 000	1954
1955	---	473 ON APR 15	3.20 ON SEP 5 *	3 120 000	1955
1956	---	360 ON MAY 19	22.3 ON SEP 3	3 480 000	1956
1957	---	888 ON JUL 3	7.86 ON SEP 2	4 280 000	1957
1958	---	170 ON APR 21	8.58 ON SEP 1	2 880 000	1958
1959	---	527 ON APR 18	20.6 ON SEP 7	3 730 000	1959
1960	---	1 280 ON MAY 13	38.5 ON FEB 7	5 810 000	1960
1961	---	291 ON JUN 27	28.2 ON FEB 12	3 550 000	1961
1962	---	697 ON MAY 5	12.2 ON DEC 30	3 530 000	1962
1963	---	348 ON APR 7	6.86 ON SEP 2	2 530 000	1963
1964	---	481 ON MAY 2	5.48 ON SEP 7	2 900 000	1964
1965	---	580 ON MAY 5	13.4 ON AUG 8	4 840 000	1965
1966	---	716 ON APR 24	23.6 ON SEP 5	5 150 000	1966
1967	---	891 ON MAY 4	37.4 ON SEP 4	5 640 000	1967
1968	---	386 ON APR 18	54.4 ON AUG 12	3 880 000	1968
1969	---	583 ON APR 18	18.8 ON SEP 1	4 630 000	1969
1970	---	1 040 ON JUN 4	23.1 ON SEP 7	5 200 000	1970
1971	---	671 ON APR 23	28.8 ON NOV 4	4 400 000	1971
1972	---	671 ON MAY 8	50.4 ON AUG 13	4 830 000	1972
1973	---	484 ON MAY 11	53.0 ON OCT 1	4 520 000	1973
1974	---	610 ON APR 24	28.7 ON SEP 2	3 770 000	1974
1975	---	686 ON APR 29	---	---	1975
1976	---	748 ON APR 22	3.43 ON SEP 8	---	1976
1977	---	641 ON APR 23	12.4 ON JUL 1	3 820 000	1977
1978	---	592 ON MAY 15	24.4 ON JUL 23	4 080 000	1978
1979	---	1 110 ON APR 28	30.8 ON OCT 8	5 380 000	1979
1980	---	630 ON APR 11	22.8 ON AUG 31	3 870 000	1980
1981	---	730 ON APR 7	25.0 ON SEP 7	3 870 000	1981
1982	---	500 ON MAY 3	5.86 ON AUG 2	3 930 000	1982
1983	---	678 ON JUN 1	30.8 ON SEP 5	4 740 000	1983
1984	---	378 ON APR 23	44.8 ON FEB 6	4 180 000	1984
1985	---	1 310 ON APR 27 *	31.3 ON SEP 29	4 420 000	1985
1986	---	341 ON APR 24	28.7 ON JUL 14	3 880 000	1986
1987	---	303 ON APR 8	14.5 ON SEP 5	1 810 000	1987
1988	---	877 ON APR 10	32.8 ON JUL 27	5 020 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 180 000	MEAN

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	33.7	23.7	23.7	---	1920
1921	32.4	28.4	28.3	113	80.9	48.2	37.7	45.6	42.5	53.1	56.6	53.6	54.5	1921
1922	73.2	74.3	80.6	280	267	90.9	57.3	55.2	48.8	42.0	47.1	50.1	88.4	1922
1923	54.4	56.2	54.5	51.0	188	78.1	61.9	53.7	47.5	53.5	50.5	38.2	63.8	1923
1924	41.1	45.9	47.1	45.3	92.5	61.9	43.5	43.5	41.9	43.1	35.2	40.3	45.8	1924
1925	40.8	40.2	45.4	42.5	62.4	52.8	49.0	49.0	47.8	52.2	47.0	48.3	48.4	1925
1926	54.0	53.6	53.3	38.7	36.0	59.5	64.2	52.5	50.1	52.3	54.7	54.8	53.7	1926
1927	46.1	78.4	111	148	189	82.8	53.0	47.5	46.8	45.1	47.1	48.8	77.8	1927
1928	50.2	78.8	74.0	148	431	137	108	58.3	120	304	224	104	153	1928
1929	107	80.3	61.9	185	204	129	84.2	54.4	39.7	53.8	56.0	40.3	82.1	1929
1930	52.9	54.7	75.6	102	115	288	235	58.4	47.7	43.8	43.0	43.1	97.0	1930
1931	40.2	44.7	46.4	59.0	113	59.4	40.4	43.2	41.6	35.6	63.7	58.3	56.3	1931
1932	73.9	58.5	59.6	184	126	36.2	29.1	23.8	21.5	27.6	113	59.0	66.7	1932
1933	76.5	63.2	36.5	216	173	65.4	35.0	58.5	38.5	30.1	29.2	32.6	72.8	1933
1934	37.2	38.7	40.5	59.6	169	41.3	40.0	40.0	40.0	48.7	66.1	73.4	63.0	1934
1935	48.3	50.0	59.9	74.6	81.3	55.3	49.6	50.9	52.6	52.4	51.4	40.4	56.5	1935
1936	43.7	41.6	55.0	59.9	202	59.3	53.6	51.5	47.3	43.5	51.9	49.6	64.4	1936
1937	51.5	56.4	56.5	102	114	59.4	42.2	51.1	53.3	64.4	70.3	56.5	65.8	1937
1938	59.5	75.1	142	384	242	65.7	51.0	53.6	50.2	49.9	34.6	43.3	101	1938
1939	49.6	46.8	56.9	91.0	151	117	56.5	53.0	53.5	55.4	58.0	48.5	71.5	1939
1940	45.1	41.9	43.1	55.7	50.6	95.7	59.5	50.4	49.5	44.5	48.0	51.1	52.9	1940
1941	51.4	59.4	73.5	132	115	56.5	42.9	47.7	52.6	57.0	166	129	84.6	1941
1942	75.5	74.2	59.0	201	107	77.0	57.7	52.5	49.6	47.2	48.9	50.5	77.7	1942
1943	56.0	49.6	56.5	111	119	162	78.1	61.7	133	58.9	55.4	54.2	85.0	1943
1944	57.5	48.0	58.1	76.2	131	67.1	54.0	51.1	50.5	50.2	44.3	50.0	83.1	1944
1945	52.7	48.2	54.1	130	129	161	54.7	52.5	50.2	52.1	59.1	50.2	77.7	1945
1946	51.4	35.5	121	49.5	106	95.0	56.5	43.5	51.6	48.7	51.4	58.3	71.5	1946
1947	57.4	56.5	54.5	50.5	225	280	57.0	51.5	58.7	54.1	52.0	54.5	58.5	1947
1948	58.5	59.7	58.4	105	112	52.5	50.2	56.5	45.0	33.5	24.5	40.0	59.5	1948
1949	45.5	55.1	58.2	111	110	78.4	59.0	53.7	58.0	58.7	41.9	33.7	64.2	1949
1950	44.5	53.5	58.3	78.5	202	85.3	55.4	50.5	53.5	52.2	53.2	45.3	72.5	1950
1951	52.2	59.5	58.2	267	135	52.2	74.2	55.5	57.1	74.2	175	144	105	1951
1952	55.7	77.1	72.5	155	154	78.5	52.5	75.2	59.5	55.5	51.2	57.1	55.7	1952
1953	54.0	73.5	104	153	200	101	75.1	55.5	53.2	55.2	39.5	37.2	59.5	1953
1954	54.9	59.9	74.4	145	152	153	75.2	51.5	50.5	131	107	57.5	54.5	1954
1955	75.4	53.2	51.5	135	51.4	53.5	44.4	44.1	32.5	25.5	33.4	43.5	52.4	1955
1956	47.5	49.9	42.5	77.5	129	59.5	55.5	51.5	53.5	53.5	55.2	49.5	57.3	1956
1957	52.5	55.5	72.5	145	109	112	140	57.0	45.3	44.4	51.5	59.5	78.0	1957
1958	52.5	53.3	55.5	70.5	54.0	55.5	50.4	47.4	43.5	31.5	43.5	32.5	51.0	1958
1959	39.0	43.5	52.0	113	132	55.1	55.0	50.1	50.5	54.4	61.5	53.5	54.4	1959
1960	46.0	53.3	59.5	202	425	119	92.5	51.2	53.0	52.5	55.5	53.2	108	1960
1961	49.1	48.4	41.5	52.7	111	55.2	76.5	55.1	54.0	55.4	72.5	57.2	57.5	1961
1962	50.7	59.3	78.1	120	220	54.7	53.0	49.1	50.5	42.5	39.1	33.0	73.5	1962
1963	39.7	38.1	34.5	125	50.3	55.4	45.1	36.5	35.4	45.4	41.5	38.5	51.5	1963
1964	33.0	35.4	34.2	117	139	55.5	49.5	35.5	47.1	48.2	48.4	49.4	57.1	1964
1965	49.5	51.3	55.3	125	210	55.0	44.2	55.7	44.9	55.1	123	55.1	91.9	1965
1966	75.5	55.1	105	155	144	148	55.5	45.1	41.0	51.4	125	155	104	1966
1967	55.2	54.7	114	253	219	125	51.2	50.1	53.5	52.0	75.7	54.5	113	1967
1968	50.5	55.5	53.5	154	115	77.7	53.4	52.5	105	74.1	57.1	59.5	51.5	1968
1969	71.2	70.1	52.4	205	145	121	112	43.3	38.4	75.5	111	57.1	53.5	1969
1970	52.7	50.4	55.1	57.5	171	300	105	50.3	57.3	101	55.3	52.5	104	1970
1971	49.5	50.4	112	222	235	105	55.0	51.3	52.5	45.4	31.0	52.7	90.0	1971
1972	47.7	52.1	71.3	135	305	71.5	51.5	73.4	112	74.1	75.7	55.0	85.7	1972
1973	55.5	55.5	55.5	155	234	114	73.0	55.4	54.5	50.7	52.3	53.5	90.4	1973
1974	47.5	52.5	71.5	125	172	55.7	55.5	55.5	45.4	27.0	59.5	53.0	72.3	1974
1975	52.9	75.2	77.5	125	195	135	52.5	45.5	30.3	25.5	41.1	52.5	75.2	1975
1976	55.4	51.5	77.3	251	257	55.4	45.7	23.3	15.5	25.1	30.5	30.1	75.7	1976
1977	55.3	57.4	80.2	215	54.5	24.5	25.0	27.2	45.1	54.5	139	104	80.5	1977
1978	53.5	59.5	57.4	52.4	223	55.3	32.5	23.3	73.7	144	59.5	91.1	81.3	1978
1979	60.7	51.5	50.5	314	364	124	108	52.4	44.3	75.0	161	151	137	1979
1980	50.3	52.1	50.3	155	179	59.5	55.2	30.5	37.1	55.5	55 5	55.5	75.5	1980
1981	57.5	59.1	55.4	215	75.5	72.5	55.5	39.2	35.1	50.3	51.5	55.7	73.4	1981
1982	54.5	71.5	55.3	121	135	33.4	27.1	21.3	53.5	145	157	145	55.5	1982
1983	114	104	57.5	132	235	264	42.0	40.1	35.0	70.4	74.7	75.5	107	1983
1984	55.1	54.5	51.5	143	55.5	51.2	105	52.0	75.7	75.5	149	134	80.4	1984
1985	100	95.5	54.4	221	234	71.5	35.1	51.5	45.3	42.1	75.5	54.5	52.0	1985
1986	50.0	55.0	50.4	145	100	57.1	47.7	53.5	75.5	105	102	74.1	52.3	1986
1987	57.0	55.1	45.5	51.5	35.2	30.5	19.4	22.3	15.2	19.2	27.7	45.4	35.4	1987
1988	43.2	52.0	51.4	260	190	54.5	25.7	25.5	53.3	55.2	---	147	---	1988
MEAN	59.5	52.5	58.1	142	151	84.1	52.3	51.2	54.1	51.5	70.5	55.5	75.4	MEAN

LOCATION - LAT 46 22 50 N
LONG 81 34 07 W

DRAINAGE AREA, 8 800 km²
REGULATED

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REMARKS - EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER.

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	205 ON APR 24	23.8 ON JAN 18	1 730 000	1921
1922	---	493 ON APR 20	35.1 ON DEC 28	3 040 000	1922
1923	---	354 ON MAY 7	22.2 ON DEC 30	2 020 000	1923
1924	---	118 ON MAY 17	38.1 ON AUG 3	1 450 000	1924
1925	---	62.1 ON JUN 13	28.3 ON MAY 10	1 480 000	1925
1926	---	121 ON NOV 27	28.5 ON SEP 10	1 880 000	1926
1927	---	258 ON APR 24	26.9 ON SEP 4	2 480 000	1927
1928	---	857 ON MAY 8	36.2 ON AUG 18	4 840 000	1928
1929	---	397 ON MAY 3	27.5 ON SEP 1	2 910 000	1929
1930	---	874 ON JUN 28	36.8 ON DEC 28	3 080 000	1930
1931	---	210 ON NOV 26	19.1 ON DEC 13	1 780 000	1931
1932	---	248 ON APR 28	11.8 ON JUN 25	2 110 000	1932
1933	---	416 ON APR 21	17.8 ON OCT 29	2 300 000	1933
1934	---	378 ON MAY 8	22.9 ON FEB 18	1 950 000	1934
1935	---	137 ON MAY 2	23.2 ON DEC 25	1 780 000	1935
1936	---	439 ON MAY 4	27.8 ON SEP 7	2 040 000	1936
1937	---	258 ON APR 30	31.7 ON JUL 11	2 080 000	1937
1938	---	510 ON APR 2	26.8 ON NOV 13	3 180 000	1938
1939	---	386 ON MAY 2	28.8 ON DEC 25	2 280 000	1939
1940	---	238 ON JUN 10	22.8 ON MAY 19	1 870 000	1940
1941	---	283 ON APR 22	33.1 ON JUL 6	2 870 000	1941
1942	---	297 ON APR 14	32.3 ON OCT 31	2 450 000	1942
1943	---	328 ON JUN 18	32.8 ON FEB 7	2 880 000	1943
1944	---	235 ON MAY 5	39.9 ON NOV 3	1 980 000	1944
1945	---	371 ON MAY 30	31.1 ON MAR 11	2 450 000	1945
1946	---	183 ON MAR 21	31.1 ON AUG 18	2 280 000	1946
1947	---	434 ON JUN 18	45.0 ON NOV 16	3 080 000	1947
1948	---	208 ON APR 23	10.9 ON DEC 18	1 880 000	1948
1949	---	307 ON APR 24	10.3 ON DEC 25	2 030 000	1949
1950	---	331 ON MAY 8	13.8 ON DEC 24	2 300 000	1950
1951	---	603 ON APR 14	23.4 ON SEP 2	3 310 000	1951
1952	---	435 ON APR 22	34.0 ON JUL 1	3 710 000	1952
1953	---	253 ON MAY 7	0.142 ON NOV 1	2 820 000	1953
1954	---	334 ON OCT 16	21.7 ON JAN 1	3 130 000	1954
1955	---	231 ON APR 16	3.86 ON OCT 30	1 970 000	1955
1956	---	219 ON MAY 17	18.1 ON OCT 28	2 130 000	1956
1957	---	438 ON JUN 30	18.3 ON OCT 27	3 490 000	1957
1958	---	88.3 ON APR 18	18.7 ON JAN 19	1 810 000	1958
1959	---	324 ON MAY 1	14.3 ON SEP 27	2 030 000	1959
1960	---	827 ON MAY 12	22.1 ON JAN 24	3 420 000	1960
1961	---	303 ON SEP 17	6.80 ON MAR 31	2 130 000	1961
1962	---	470 ON MAY 5	8.49 ON DEC 28	3 320 000	1962
1963	---	205 ON APR 20	3.40 ON SEP 1	1 820 000	1963
1964	---	316 ON MAY 1	6.21 ON AUG 2	1 810 000	1964
1965	---	332 ON MAY 5	11.8 ON AUG 22	2 900 000	1965
1966	---	484 ON APR 22	0 ON JUL 25 *	3 260 000	1966
1967	---	755 ON MAY 5	19.1 ON SEP 10	3 570 000	1967
1968	---	276 ON APR 19	22.8 ON JUL 21	2 580 000	1968
1969	---	343 ON APR 18	28.5 ON AUG 30	2 950 000	1969
1970	---	478 ON JUN 3 *	23.4 ON SEP 8	3 280 000	1970
1971	---	351 ON APR 24	17.6 ON NOV 11	2 840 000	1971
1972	---	804 ON MAY 5	30.0 ON AUG 30	3 030 000	1972
1973	---	314 ON MAY 10	32.6 ON SEP 30	3 850 000	1973
1974	---	331 ON MAY 1	17.4 ON OCT 12	2 280 000	1974
1975	---	378 ON MAY 4	13.3 ON OCT 5	3 470 000	1975
1976	---	476 ON APR 21	11.0 ON SEP 6	3 520 000	1976
1977	---	411 ON APR 22	13.3 ON JUL 10	3 550 000	1977
1978	---	482 ON MAY 15	13.6 ON JUL 23	3 850 000	1978
1979	---	811 ON APR 28	18.7 ON OCT 7	4 330 000	1979
1980	---	287 ON MAY 13	15.8 ON AUG 10	2 420 000	1980
1981	---	390 ON APR 8	18.0 ON SEP 27	3 310 000	1981
1982	---	327 ON MAY 2	11.8 ON AUG 2	2 790 000	1982
1983	---	822 ON JUN 1	24.0 ON JUL 27	3 370 000	1983
1984	---	281 ON APR 23	28.8 ON JUN 10	2 880 000	1984
1985	---	782 ON APR 28	13.0 ON SEP 28	2 900 000	1985
1986	---	232 ON APR 23	18.5 ON JUL 18	2 800 000	1986
1987	---	98.4 ON FEB 19	8.17 ON SEP 7	1 210 000	1987
1988	---	491 ON APR 8	14.8 ON JUL 28	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 500 000	MEAN

SPANISH RIVER AT WEBBWOOD - STATION NO. 02CE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	88.6	190	173	---	1916
1917	99.1	49.0	59.7	274	328	488	228	120	62.3	97.9	81.8	89.1	161	1917
1918	83.2	86.3	71.1	249	---	135	125	84.0	89.4	117	247	300	---	1918
1919	86.2	89.4	139	---	478	218	73.8	70.2	78.9	140	238	178	---	1919
1920	87.1	83.7	207	487	338	130	113	89.0	83.0	---	---	---	---	1920
MEAN	81.4	83.8	117	330	378	245	138	85.8	72.9	103	174	152	161	MEAN

LOCATION - LAT 48 15 50 N
LONG 81 52 25 W

REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

SPANISH RIVER AT WEBBWOOD - STATION NO. 02CE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	698 ON JUN 5	8.33 ON FEB 15 *	5 060 000	1917
1918	---	---	44.7 ON JAN 27	---	1918
1919	---	---	47.0 ON JAN 19	---	1919
1920	---	718 ON APR 5 *	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 060 000	MEAN

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.865	0.701	0.774	---	1953
1954	0.788	4.51	7.75	9.04	1.59	0.926	0.125	0.218	0.376	5.02	1.96	1.62	2.90	1954
1955	2.71	1.08	7.70	7.25	1.76	0.485	0.102	0.130	0.231	1.23	3.50	1.85	2.34	1955
1956	1.18	0.785	3.80	12.1	7.87	1.85	2.18	5.47	2.73	1.32	1.69	2.87	3.64	1956
1957	2.60	3.07	4.78	8.20	2.83	2.29	1.09	0.233	0.823	0.976	2.87	4.40	2.67	1957
1958	1.37	0.772	3.77	3.83	0.887	0.345	0.385	0.173	0.719	0.427	1.34	0.888	1.22	1958
1959	1.07	1.14	4.47	13.5	2.80	0.514	0.408	0.502	0.387	1.31	2.53	2.20	2.58	1959
1960	1.98	2.17	1.03	18.5	8.68	2.55	0.843	0.514	0.185	0.328	1.05	0.351	3.01	1960
1961	0.300	3.63	3.57	4.05	2.80	2.19	0.837	0.878	0.842	---	---	---	---	1961
MEAN	1.50	2.15	4.61	9.04	3.84	1.37	0.734	0.890	0.775	1.53	1.83	1.89	2.62	MEAN

LOCATION - LAT 43 33 32 N, LONG 80 16 00 W DRAINAGE AREA, 269 km^2, REGULATED

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	73.8 ON OCT 18	0.087 ON JUL 15 *	91 300	1954
1955	---	38.2 ON MAR 11	0.087 ON JUL 22	73 700	1955
1956	---	83.0 ON AUG 30 *	0.311 ON AUG 3	116 000	1956
1957	---	24.1 ON APR 6	0.113 ON AUG 3	84 100	1957
1958	---	10.1 ON APR 7	0.085 ON AUG 11	38 400	1958
1959	---	34.8 ON APR 5	0.142 ON JUL 20	80 800	1959
1960	---	57.5 ON APR 4	0.122 ON AUG 28	95 200	1960
1961	---	27.88 ON FEB 24	---	---	1961
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		82 800	MEAN

SPEED RIVER AT GUELPH - STATION NO. 02GA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.408	0.426	0.716	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.408	0.426	0.716	---	---	---	MEAN

LOCATION - LAT 43 32 00 N, LONG 80 14 00 W DRAINAGE AREA, 500 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT HESPELER - STATION NO. 02GA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	5.13	3.40	---	1913
1914	4.09	5.75	12.7	10.4	4.69	2.91	1.55	1.78	2.34	1.34	2.24	2.19	4.32	1914
1915	1.55	3.80	8.59	9.01	3.43	2.85	3.67	11.3	12.9	5.40	5.73	4.35	5.15	1915
1916	14.4	8.72	12.4	26.5	12.2	14.9	3.42	2.73	2.53	2.65	2.58	2.50	5.91	1916
1917	2.55	2.75	15.8	15.7	7.90	7.30	13.3	3.32	3.23	4.00	3.40	1.77	7.08	1917
1918	1.55	5.52	25.5	11.3	3.57	2.71	2.45	2.40	4.07	3.15	3.57	7.75	6.75	1918
1919	4.53	3.20	23.3	11.9	14.4	3.09	2.33	2.59	2.73	3.07	3.73	2.91	6.53	1919
1920	1.93	1.80	15.5	11.4	3.35	4.40	5.97	3.42	2.80	2.82	4.15	5.75	5.56	1920
1921	5.15	2.17	17.5	12.2	5.21	4.67	4.91	2.58	1.55	4.51	4.51	5.35	6.01	1921
1922	2.52	3.15	15.3	27.4	5.15	4.64	3.26	2.55	2.53	2.53	---	---	---	1922
1923	---	---	---	21.3	10.5	5.75	---	---	---	---	---	---	---	1923
1924	---	---	---	20.4	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	5.75	2.99	3.23	---	---	---	---	---	---	---	1925
1926	---	---	---	25.5	5.53	4.15	---	---	---	---	---	---	---	1926
1927	---	---	---	10.1	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	17.5	---	---	---	---	---	---	---	---	---	1928
1930	---	---	13.4	15.5	---	---	---	---	---	---	---	---	---	1930
1931	---	---	4.15	10.1	---	---	---	---	---	---	---	---	---	1931
1947	---	---	---	---	---	---	---	---	---	2.35	3.33	5.35	---	1947
1948	3.75	4.53	31.5	9.57	5.55	3.21	3.55	1.04	0.815	1.61	3.77	2.59	5.15	1948
MEAN	4.27	4.57	17.4	15.5	6.51	4.52	4.50	3.35	3.55	3.15	3.50	4.04	5.35	MEAN

LOCATION - LAT 43 25 54 N, LONG 80 15 41 W. DRAINAGE AREA, 707 km². REGULATED. DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT HESPELER - STATION NO. 02GA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	50.4 ON MAR 28	0.340 ON AUG 18 *	135 000	1914
1915	---	54.1 ON SEP 14	1.05 B ON JAN 24	194 000	1915
1916	---	84.7 ON MAR 31	1.10 ON SEP 24	282 000	1916
1917	---	96.0 ON MAR 27	1.38 ON DEC 31	223 000	1917
1918	---	92.3 ON MAR 21	1.30 ON JAN 4	213 000	1918
1919	---	134 ON MAR 18	1.78 ON JUL 17	208 000	1919
1920	---	58.6 ON MAR 13	1.67 B ON FEB 5	177 000	1920
1921	---	58.3 ON MAR 8	0.821 ON AUG 27	189 000	1921
1922	---	87.6 ON APR 12	---	---	1922
1923	---	---	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	---	---	---	1927
1928	---	---	---	---	1928
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1947	---	---	---	---	1947
1948	---	183 ON MAR 21 *	0.810 ON AUG 17	195 000	1948
				202 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	4.11	2.36	1.95	2.25	1.47	2.21	5.14	10.0	---	1950
1951	10.0	8.28	17.1	24.2	5.36	3.16	4.12	1.21	1.36	2.66	6.33	4.46	7.33	1951
1952	9.53	5.27	13.6	18.1	5.40	2.11	1.62	1.66	1.62	1.46	2.82	3.83	5.66	1952
1953	3.66	5.17	13.4	6.31	10.8	6.33	5.48	2.76	1.80	1.39	1.73	2.10	4.89	1953
1954	1.73	8.01	14.6	17.6	4.66	3.23	1.16	1.62	1.86	13.9	5.76	4.64	6.82	1954
1955	5.36	2.92	14.2	15.2	6.03	2.66	0.967	1.06	1.08	2.66	7.46	4.01	5.32	1955
1956	2.70	2.66	10.3	24.1	16.4	6.69	4.33	9.29	8.47	4.46	4.73	5.80	8.53	1956
1957	6.46	6.97	9.80	10.6	6.14	5.76	3.76	1.31	2.26	3.07	5.63	6.67	5.76	1957
1958	2.66	2.70	6.37	7.73	3.72	1.37	1.49	1.16	2.33	1.42	2.48	2.16	2.68	1958
1959	2.31	2.67	7.28	30.6	7.24	1.91	1.47	1.36	1.16	4.97	6.06	4.60	6.66	1959
1960	3.83	4.00	3.41	26.7	17.2	6.36	3.14	2.06	0.834	1.26	3.61	1.66	6.10	1960
1961	0.942	4.76	7.66	9.26	6.36	4.76	2.61	2.76	2.64	1.66	2.61	3.24	4.06	1961
1962	1.76	1.42	8.26	10.0	2.76	1.62	1.17	0.836	0.912	2.66	6.76	3.66	3.46	1962
1963	2.36	1.66	12.6	7.91	5.40	1.66	0.821	1.03	0.902	0.776	1.46	0.924	3.16	1963
1964	2.26	1.66	7.34	6.66	4.66	2.04	2.14	2.71	1.30	1.62	1.64	4.16	3.37	1964
1965	4.76	11.6	6.66	26.3	6.27	1.67	2.13	1.24	1.36	4.76	7.60	6.64	6.66	1965
1966	6.26	6.66	12.3	7.64	6.30	4.26	1.06	1.11	1.06	1.16	3.64	7.46	4.66	1966
1967	4.66	3.66	6.67	21.2	6.47	6.76	7.40	2.66	1.66	4.66	6.91	6.26	7.06	1967
1968	3.16	10.3	17.2	6.06	4.60	2.73	2.76	6.66	6.14	4.24	7.66	7.10	6.72	1968
1969	6.66	7.36	14.4	21.3	6.61	3.06	2.07	1.79	1.06	1.63	4.76	2.73	6.26	1969
1970	1.62	2.67	4.62	16.0	6.41	1.67	2.40	1.77	2.71	3.67	6.62	7.31	4.64	1970
1971	4.11	4.31	7.43	21.6	4.66	---	---	---	---	---	---	4.66	---	1971
1972	6.06	2.66	6.16	31.6	6.20	6.67	3.63	1.47	1.32	3.69	6.46	6.12	6.66	1972
1973	7.61	6.62	26.2	11.6	6.66	3.66	1.43	1.73	1.06	1.61	6.24	3.64	6.67	1973
1974	6.02	6.26	16.6	16.6	6.41	1.76	1.06	0.937	1.32	3.07	2.01	6.26	6.26	1974
1975	2.74	4.66	11.7	17.1	6.32	3.66	1.63	1.61	2.62	2.14	3.39	4.26	6.07	1975
1976	3.66	7.23	23.6	16.3	6.66	3.60	2.34	2.77	6.12	6.63	6.63	2.63	7.26	1976
1977	1.66	1.73	13.7	6.76	2.69	1.66	1.62	2.60	6.27	6.46	6.36	6.62	6.76	1977
1976	4.77	6.33	6.34	21.0	6.63	2.67	1.63	1.61	2.60	3.06	2.63	6.66	6.64	1976
1979	6.46	2.26	16.1	21.6	6.64	3.41	2.06	2.62	2.31	2.66	6.23	6.06	6.71	1979
1980	6.00	3.72	11.3	16.1	7.04	3.66	3.61	2.21	2.66	3.32	2.66	4.27	6.64	1980
1961	2.24	6.62	4.06	6.76	3.06	1.66	2.66	2.06	3.66	6.36	6.30	4.32	4.16	1961
1962	3.16	2.66	6.70	26.6	6.66	7.66	2.66	2.01	3.16	6.62	6.27	16.6	7.62	1962
1963	6.74	6.62	6.66	12.6	13.6	6.67	1.66	2.13	2.03	2.62	3.17	6.67	6.66	1963
1964	2.77	11.6	12.0	16.2	6.30	3.67	1.63	1.66	2.27	2.06	3.36	6.12	6.34	1964
1965	6.13	6.66	21.2	26.0	6.73	3.26	3.62	3.76	6.32	6.60	12.3	6.61	6.66	1965
1966	6.14	6.66	12.7	6.32	6.74	6.62	6.16	7.60	27.3	16.0	7.64	6.16	6.62	1966
1967	6.76	6.66	11.6	16.7	3.31	2.66	2.61	2.37	2.26	2.34	2.62	7.02	6.62	1967
1966	3.66	6.00	6.60	10.3	6.06	1.66	6.00	1.66	2.00	1.66	6.16	2.62	6.12	1966
MEAN	6.26	6.13	11.6	16.1	6.61	3.61	2.66	2.34	3.06	3.76	6.01	6.66	6.62	MEAN

LOCATION - LAT 43 31 30 N LONG 80 16 66 W DRAINAGE AREA, 663 km² REGULATED

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	107 AT 22:00 EST ON MAR 30	85.0 ON MAR 31	0.850 ON SEP 10	231 000	1951
1952	---	44.7 ON APR 1	1.08 ON MAY 5	177 000	1952
1953	---	45.8 ON MAY 26	1.06 ON OCT 27	157 000	1953
1954	183 AT 13:00 EST ON OCT 16	130 ON OCT 16 *	0.953 ON JUL 9	209 000	1954
1955	---	56.3B ON MAR 11	0.866 ON JUL 23	186 000	1955
1956	---	99.7 ON MAY 12	1.63 ON AUG 4	270 000	1956
1957	---	34.3 ON APR 8	0.788E ON AUG 23	162 000	1957
1958	---	15.6 ON APR 7	0.880 ON AUG 16	91 200	1958
1959	---	63.3 ON APR 8	0.283 ON SEP 11	185 000	1959
1960	85.2 AT 13:00 EST ON APR 4	61.0 ON APR 4	0.912 ON AUG 31	193 000	1960
1961	---	33.7B ON FEB 24	0.783B ON FEB 1	126 000	1961
1962	61.4 AT 05:00 EST ON MAR 30	56.1 ON MAR 30	0 ON AUG 24 *	109 000	1962
1963	85.0 AT 22:00 EST ON MAR 27	60.4 ON MAR 27	0.406 ON NOV 6	86 600	1963
1964	26.6 AT 16:00 EST ON DEC 26	24.6 ON APR 6	0.406 ON SEP 19	107 000	1964
1965	96.0 AT 01:00 EST ON APR 6	76.2 ON APR 6	0.346 ON SEP 2	216 000	1965
1966	31.7 AT 03:00 EST ON DEC 6	26.4 ON DEC 6	0.766 ON JUL 24	146 000	1966
1967	136 AT 06:00 EST ON APR 3	107 ON APR 3	0.977 ON SEP 17	223 000	1967
1966	61.3 AT 16:30 EST ON AUG 23	37.7 ON MAR 20	1.22 ON JUL 27	213 000	1966
1969	64.4 AT 23:30 EST ON APR 16	46.4 ON APR 6	0.903 ON SEP 14	196 000	1969
1970	46.4 AT 06:06 EST ON APR 10	36.6 ON APR 6	0.906 ON JUL 1	146 000	1970
1971	46.1 AT 06:46 EST ON APR 10	43.3 ON APR 10	--- ---	---	1971
1972	106 AT 04:12 EST ON APR 16	96.6 ON APR 16	1.06 ON SEP 24	207 000	1972
1973	63.0 AT 13:62 EST ON MAR 12	76.6 ON MAR 12	0.616 ON SEP 13	210 000	1973
1974	166 AT 12:26 EST ON MAY 17 *	112 ON MAY 17	0.763 ON AUG 22	196 000	1974
1975	127 A AT 16:00 EST ON APR 16	66.4A ON APR 16	0.706 ON AUG 20	160 000	1975
1976	60.1 AT 21:41 EST ON MAR 21	46.6 ON MAR 21	1.61 ON JUL 26	231 000	1976
1977	61.6 AT 11:10 EST ON MAR 14	46.6 ON MAR 14	1.02 ON JUL 26	161 000	1977
1976	36.0 AT 01:11 EST ON APR 16	32.0 ON APR 13	1.24 ON AUG 16	176 000	1976
1979	62.7 AT 06:36 EST ON APR 16	61.0 ON APR 16	1.67 ON JUL 16	212 000	1976
1960	61.0 AT 20:00 EST ON MAR 22	46.3 ON MAR 22	1.66 ON AUG 24	176 000	1960
1961	26.2 AT 01:27 EST ON FEB 26	26.3 ON FEB 26	0.627 ON JUN 10	131 000	1961
1962	66.6 AT 11:46 EST ON APR 2	66.7 ON APR 2	1.46 ON AUG 16	234 000	1962
1963	36.1 AT 16:21 EST ON MAY 3	36.0 ON MAY 4	1.36 ON SEP 16	176 000	1963
1964	32.6 AT 01:06 EST ON FEB 21	30.6 ON FEB 21	0.736 ON AUG 17	166 000	1964
1965	76.6 AT 01:60 EST ON APR 7	66.7 ON APR 6	1.66 ON AUG 6	276 000	1966
1966	106 AT 12:66 EST ON SEP 12	66.1 ON SEP 12	1.26 ON JUL 11	306 000	1966
1967	66.1 AT 16:66 EST ON APR 6	66.1 ON APR 6	1.71 ON OCT 16	171 000	1967
1966	---	33.4 ON MAR 27	1.33 ON SEP 30	136 000	1966
				164 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	1.17	---	1973
1974	1.70	1.28	5.70	5.07	4.81	0.984	0.315	0.185	0.178	0.295	0.880	0.534	1.82	1974
1975	0.917	1.98	4.70	7.81	1.49	0.784	0.241	0.327	0.535	0.440	0.815	1.49	1.78	1975
1976	0.831	3.49	10.2	4.49	2.82	1.26	1.05	0.854	0.885	1.70	1.26	0.889	2.47	1976
1977	0.452	0.492	7.58	3.26	0.838	0.357	0.350	0.589	1.82	3.26	2.77	2.60	2.01	1977
1978	1.81	0.822	2.32	8.92	2.95	0.511	0.140	0.163	0.986	0.875	1.21	1.35	1.90	1978
1979	0.985	0.525	9.44	7.19	2.32	0.682	0.233	0.168	0.187	0.883	2.24	3.60	2.37	1979
1980	1.43	0.203	5.52	5.27	1.72	1.72	1.60	0.422	0.589	1.33	0.875	1.83	1.90	1980
1981	0.415	6.29	2.32	2.11	1.15	0.626	0.722	0.625	1.35	2.33	2.04	1.15	1.73	1981
1982	1.17	0.484	4.06	9.55	1.47	2.58	0.568	0.630	0.879	0.907	4.67	7.11	2.84	1982
1983	1.66	2.89	3.09	4.31	4.71	1.06	0.264	0.328	0.385	0.758	1.16	1.81	1.66	1983
1984	0.598	8.43	5.67	4.57	1.45	0.885	0.488	0.184	0.508	0.531	1.48	2.92	2.30	1984
1985	1.22	3.76	8.81	7.84	1.38	0.880	0.697	1.38	1.71	1.57	4.98	2.75	3.07	1985
1986	2.03	0.885	6.98	2.65	2.02	1.36	1.14	2.92	10.8	4.70	2.08	2.18	3.33	1986
1987	1.61	1.11	5.05	4.98	0.701	0.458	0.828	0.288	0.284	0.889	1.28	2.37	1.73	1987
1988	1.41	2.15	4.75	3.83	1.12	0.180	0.138	0.181	0.418	0.885	2.21	0.882	1.80	1988
MEAN	1.20	2.32	5.89	5.52	2.04	0.957	0.591	0.815	1.43	1.40	2.02	2.17	2.18	MEAN

LOCATION - LAT 43 38 18 N LONG 80 16 12 W DRAINAGE AREA, 167 km² REGULATED SINCE 1976

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	114 AT 06:42 EST ON MAY 17 *	51.7 ON MAY 17	0.078 ON AUG 22	60 800	1974
1975	102 AT 08:58 EST ON APR 18	71.4 ON APR 18	0.071 ON AUG 20	56 500	1975
1976	61.2 AT 06:41 EST ON MAR 21	52.7 ON MAR 21	0.180 ON SEP 8	78 100	1976
1977	87.4 AT 17:23 EST ON MAR 13	58.3 ON MAR 13	0.079 ON JUL 28	63 400	1977
1978	34.8 AT 22:21 EST ON APR 11	26.8 ON APR 11	0.048 ON AUG 15	59 900	1978
1979	52.6 AT 11:26 EST ON APR 14	44.8 ON APR 14	0.082 ON JUL 30	74 700	1979
1980	88.2 AT 15:38 EST ON MAR 21	48.08 ON MAR 21	0.0808 ON MAR 3	60 100	1980
1981	34.0 AT 00:30 EST ON FEB 24	28.58 ON FEB 21	0.086 ON JUL 25	54 400	1981
1982	71.2 AT 23:33 EST ON MAR 31	48.3 ON APR 1	0.250 ON AUG 19	89 600	1982
1983	28.0 AT 03:36 EST ON MAY 3	20.8 ON MAY 3	0.112 ON SEP 15	58 800	1983
1984	---	50.08 ON FEB 15	0.088 ON AUG 15	72 700	1984
1985	50.1 AT 22:16 EST ON APR 5	37.7 ON APR 6	0.175 ON AUG 10	86 700	1985
1986	108 AT 09:48 EST ON SEP 11	78.6 ON SEP 11 *	0.318 ON JUL 12	105 000	1986
1987	32.2 AT 22:58 EST ON APR 5	24.2 ON APR 6	0.121 ON AUG 25	54 600	1987
1988	---	26.08 ON MAR 26	0.020 ON JUL 10 *	47 400	1988
				68 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER NEAR ERAMOSA - STATION NO. 02GA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.200	0.238	0.383	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.200	0.238	0.383	---	---	---	MEAN

LOCATION - LAT 43 35 34 N LONG 80 14 41 W DRAINAGE AREA, 233 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "SPEED RIVER AT LESLIES BRIDGE"

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	1.46	0.881	---	1913
1914	1.98	0.718	7.49	2.81	0.562	0.081	0.075	0.207	0.873	0.286	1.88	1.04	1.46	1914
1915	0.884	1.88	3.88	3.74	1.03	0.778	1.12	3.81	3.42	1.69	1.86	1.10	2.13	1915
1916	5.86	3.51	8.02	8.34	4.08	3.28	0.493	0.178	0.143	0.580	0.538	0.773	2.85	1916
1917	0.747	1.10	11.3	4.31	2.07	1.73	3.83	0.311	0.072	---	---	---	---	1917
MEAN	2.29	1.63	7.87	4.75	1.94	1.48	1.38	1.15	1.08	0.925	1.38	0.898	2.18	MEAN

LOCATION - LAT 43 38 42 N LONG 80 14 55 W DRAINAGE AREA, 160 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	48.0 ON MAR 27	0.057 ON JUN 2	48 000	1914
1915	---	25.2 ON SEP 13	0.170 ON JUL 18	87 100	1915
1916	---	54.4 ON MAR 30 *	0.028 ON AUG 7 *	83 400	1916
1917	---	48.1 ON MAR 25	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		88 800	MEAN

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	2.12	3.02	7.80	5.10	1.38	0.380	0.187	0.048	---	0.815	0.728	2.00	---	1959
1960	2.04	2.41	---	---	---	---	---	---	---	---	---	---	---	1960
1984	---	---	---	---	---	---	---	---	---	---	---	2.14	---	1984
1985	1.78	3.54	8.28	4.98	0.887	0.284	0.442	0.384	0.736	1.33	7.35	2.07	2.73	1985
1986	1.55	1.07	6.78	2.50	1.43	0.852	0.690	0.702	1.80	3.78	2.50	4.02	2.30	1986
1987	1.87	1.12	4.13	5.30	0.400	0.718	1.22	1.03	0.823	1.10	1.38	2.42	1.80	1987
1988	1.07	1.28	3.24	3.21	0.881	0.088	0.137	0.402	0.780	1.55	2.61	1.31	1.38	1988
MEAN	1.75	2.08	5.20	4.42	0.950	0.434	0.531	0.508	1.04	1.87	2.81	2.33	2.05	MEAN

LOCATION - LAT 43 15 55 N DRAINAGE AREA, 189 km^2
LONG 79 57 48 W NATURAL FLOW

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	19.6 B ON MAR 8 *	---	---	1959
1960	---	4.788 ON FEB 10	1.08 B ON JAN 30	---	1960
1984	---	---	---	---	1984
1985	19.4 AT 01:04 EST ON FEB 28 *	18.1 ON FEB 28	0.057 ON AUG 12	58 000	1985
1986	17.8 AT 12:48 EST ON MAR 18	15.8 ON MAR 18	0.132 ON JUN 4	72 800	1986
1987	17.3 AT 21:16 EST ON APR 8	16.4 ON APR 8	0.083 ON MAY 31	58 900	1987
1988	---	11.8 ON MAR 28	0.030 ON JUL 12 *	43 800	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		84 800	MEAN

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.320	0.823	0.284	---	1980
1981	0.162	2.22	4.17	4.35	2.29	0.837	0.740	2.97	0.813	0.343	0.909	1.21	1.75	1981
1982	0.445	0.297	7.10	3.02	0.745	0.587	0.235	0.352	0.184	1.74	3.49	2.00	1.68	1982
1983	0.578	0.330	5.08	2.85	1.80	0.582	0.082	0.084	0.048	0.048	0.138	0.131	0.888	1983
1984	0.388	0.335	3.28	3.02	1.82	0.871	1.12	1.28	0.908	0.334	0.818	1.80	1.24	1984
1985	1.27	4.85	4.25	8.48	1.02	0.130	0.127	0.157	0.182	0.888	2.18	2.38	2.11	1985
1986	1.12	1.48	4.81	2.40	1.62	0.980	0.112	0.085	0.040	0.240	0.801	2.83	1.38	1986
1987	1.84	1.35	3.58	5.21	2.28	3.04	1.72	0.718	0.418	0.893	1.48	2.45	2.08	1987
1988	0.898	3.82	5.84	2.80	1.21	0.822	0.301	0.857	1.83	0.885	2.39	2.48	1.85	1988
1989	2.83	2.57	3.00	5.45	2.95	0.808	0.218	0.131	0.075	0.170	0.573	0.527	1.57	1989
1970	0.380	0.785	2.80	4.32	1.57	0.250	0.257	0.223	0.402	0.741	1.83	2.03	1.28	1970
1971	1.08	1.38	5.78	5.34	0.837	0.499	0.240	0.139	0.183	0.228	0.321	1.10	1.42	1971
1972	1.08	0.739	5.18	6.85	2.18	0.907	0.862	1.87	0.378	1.16	2.85	2.87	2.21	1972
1973	2.64	2.38	8.84	4.02	1.81	0.748	0.808	0.387	0.144	0.583	2.36	2.11	2.23	1973
1974	3.78	2.64	5.02	4.11	4.37	1.49	0.553	0.191	0.184	0.588	0.818	1.04	2.06	1974
1975	1.12	2.35	5.10	3.35	1.00	0.385	0.205	0.373	1.27	1.50	2.14	2.05	1.73	1975
1976	1.37	5.88	9.31	4.20	3.34	0.852	0.814	0.389	2.28	1.41	1.13	0.884	2.72	1976
1977	0.630	0.833	8.30	3.72	0.858	0.388	0.585	0.382	1.88	3.23	2.40	4.80	2.33	1977
1978	1.74	1.38	5.13	7.88	2.10	0.438	0.188	0.182	0.843	1.14	1.07	1.47	1.87	1978
1979	1.24	1.08	7.88	8.88	1.80	0.822	0.338	0.280	0.388	0.918	1.82	3.73	2.18	1979
1980	2.20	0.582	3.84	5.28	1.75	0.603	0.318	0.287	0.282	0.878	0.532	0.781	1.42	1980
1981	0.288	3.75	1.80	1.84	0.780	0.480	0.373	0.536	1.87	2.18	2.07	1.21	1.38	1981
1982	0.774	0.715	8.22	8.01	1.01	1.87	0.442	0.881	1.22	1.82	2.89	3.80	2.27	1982
1983	2.05	2.88	3.36	3.44	3.31	1.12	0.320	0.548	0.418	0.808	1.15	2.11	1.77	1983
1984	0.772	---	---	---	---	---	---	---	---	---	---	---	---	1984
MEAN	1.27	1.97	5.17	4.64	1.84	0.811	0.473	0.577	0.884	0.950	1.48	1.87	1.81	MEAN

LOCATION - LAT 43 15 54 N DRAINAGE AREA, 188 km^2
LONG 79 57 53 W REGULATED

REMARKS - DISCONTINUED FEB 19 1984. REPLACED BY STATION NO. 02HB007 (NEW SITE)

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	12.3 ON FEB 23	0.062 ON JAN 30	55 400	1981
1982	---	15.0 ON NOV 10	0.034 ON SEP 8	53 000	1982
1983	---	16.3 ON MAR 27	0.028 ON OCT 20	31 100	1983
1984	---	5.46 ON MAR 26	0.083 ON JAN 1	38 300	1984
1985	---	24.4 ON FEB 11 *	0.042 ON JUL 31	85 500	1985
1986	---	11.3 ON DEC 11	0.023 ON SEP 12 *	42 800	1986
1987	---	18.5 ON APR 3	0.170 ON JUN 7	85 900	1987
1988	---	21.2 B ON FEB 2	0.116 ON AUG 1	51 500	1988
1989	17.5 AT 18:00 EST ON APR 19	16.0 B ON JAN 30	0.031 ON OCT 18	48 400	1989
1970	13.8 AT 23:30 EST ON APR 2	10.0 ON APR 3	0.085 ON JUL 7	40 400	1970
1971	20.3 AT 12:44 EST ON APR 7	15.8 ON APR 7	0.051 ON AUG 21	44 900	1971
1972	17.4 AT 13:04 EST ON MAR 22	15.7 ON MAR 22	0.278 ON SEP 22	70 000	1972
1973	21.2 AT 14:51 EST ON MAR 11	17.8 ON MAR 15	0.082 ON SEP 11	70 200	1973
1974	22.7 AT 23:30 EST ON JAN 28	18.2 ON JAN 28	0.079 ON AUG 30	84 900	1974
1975	18.4 AT 22:47 EST ON FEB 24	13.4 ON MAR 20	0.082 ON MAY 28	54 700	1975
1976	28.4 AT 15:18 EST ON SEP 18	17.4 ON SEP 19	0.102 ON SEP 9	85 800	1976
1977	20.7 AT 20:02 EST ON MAR 10	17.5 ON MAR 11	0.144 ON AUG 2	73 200	1977
1978	21.1 AT 19:31 EST ON MAR 23	16.5 ON MAR 24	0.083 ON JUL 20	82 000	1978
1979	30.5 AT 07:50 EST ON MAR 5 *	23.8 ON MAR 5	0.123 ON AUG 17	89 200	1979
1980	19.7 AT 11:17 EST ON APR 15	16.5 ON MAR 22	0.121 ON AUG 27	44 800	1980
1981	14.4 AT 08:24 EST ON FEB 21	13.3 ON FEB 20	0.092 ON AUG 27	43 800	1981
1982	28.0 AT 08:46 EST ON APR 1	23.7 ON APR 1	0.156 ON AUG 21	71 600	1982
1983	18.0 AT 09:13 EST ON MAY 3	7.47 ON MAY 4	0.105 ON JUL 28	55 800	1983
1984	---	---	---	---	1984
				57 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPENCER CREEK AT HIGHWAY NO. 5 - STATION NO. 02HB023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	3.87	4.81	0.871	0.884	0.834	0.790	0.782	0.840	1.31	2.86	---	1987
1988	0.887	1.37	2.88	3.48	0.904	0.183	0.118	0.383	0.833	1.12	2.31	1.08	1.18	1988
MEAN	0.887	1.37	3.13	3.85	0.788	0.409	0.526	0.587	0.898	0.980	1.81	2.03	1.18	MEAN

LOCATION - LAT 43 15 58 N, LONG 80 03 09 W DRAINAGE AREA, 132 km^2, NATURAL FLOW

REMARKS - STATION ACTIVATED FEB 12 1987.

SPENCER CREEK AT HIGHWAY NO. 5 - STATION NO. 02HB023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	18.1 AT 19:12 EST ON APR 5 *	15.4 ON APR 5 *	0.081 ON AUG 25	---	1987
1988	---	8.17 ON MAR 27	0.008 ON JUL 8 *	37 400	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 400	MEAN

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	0.085	0.078	0.078	0.141	0.238	0.818	---	1971
1972	0.342	0.286	0.824	2.82	0.782	0.347	0.429	0.518	0.181	0.588	1.04	0.838	0.707	1972
1973	0.730	0.732	2.81	1.40	0.836	0.372	0.120	0.088	0.085	0.172	0.782	0.858	0.723	1973
1974	1.03	0.841	1.85	1.22	1.19	0.554	0.208	0.072	0.068	0.120	0.548	0.371	0.882	1974
1975	0.356	0.487	1.42	1.47	0.544	0.233	0.087	0.182	0.438	0.727	0.748	0.718	0.814	1975
1976	0.472	1.41	2.83	1.48	1.15	0.384	0.381	0.182	0.384	0.383	0.552	0.203	0.820	1976
1977	0.143	0.183	2.28	1.53	0.317	0.193	0.188	0.187	0.788	1.33	0.883	1.53	0.803	1977
1978	0.828	0.517	0.830	2.74	0.803	0.214	0.080	0.088	0.428	0.436	0.484	0.832	0.889	1978
1979	0.308	0.317	2.10	2.14	0.823	0.341	0.187	0.114	0.188	0.432	0.788	1.34	0.781	1979
1980	0.848	0.232	0.837	1.78	0.847	0.311	0.183	0.138	0.141	0.428	0.301	0.328	0.848	1980
1981	0.073	1.23	0.707	0.708	0.371	0.170	0.188	0.242	0.881	0.788	0.887	0.388	0.824	1981
1982	0.387	0.202	1.82	2.73	0.471	0.808	0.128	0.421	0.417	0.838	0.888	1.43	0.848	1982
1983	0.778	0.888	1.17	1.18	1.33	0.451	0.104	0.422	0.178	0.342	0.414	0.858	0.880	1983
1984	0.483	1.89	1.04	1.87	0.881	0.448	0.184	0.321	0.434	0.284	0.878	0.728	0.718	1984
1985	0.888	0.842	2.87	1.81	0.281	0.204	0.173	0.184	0.321	0.810	2.08	0.747	0.881	1985
1986	0.448	0.800	2.00	0.882	0.885	0.282	0.304	0.238	0.845	1.41	0.841	1.25	0.775	1986
1987	0.826	0.389	1.28	1.55	0.289	0.401	0.884	0.435	0.811	0.812	0.801	1.01	0.882	1987
1988	0.358	0.448	1.07	1.19	0.412	0.084	0.101	0.085	0.235	0.475	0.884	0.433	0.480	1988
MEAN	0.528	0.888	1.84	1.84	0.882	0.330	0.208	0.219	0.341	0.533	0.778	0.771	0.781	MEAN

LOCATION - LAT 43 21 10 N, LONG 80 04 40 W DRAINAGE AREA, 93.5 km^2, NATURAL FLOW

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	4.61 AT 05:40 EST ON APR 15	4.70 ON APR 15	0.102 ON JUL 31	22 300	1972
1973	5.26 AT 00:54 EST ON MAR 8	5.47 ON MAR 8	0.027 ON SEP 12	23 100	1973
1974	5.01 AT 00:36 EST ON MAR 7	4.82 ON MAR 7	0.045 ON AUG 22	20 800	1974
1975	3.40 AT 20:50 EST ON APR 20	3.31 ON APR 20	0.034 ON JUL 9	15 400	1975
1976	6.17 AT 08:22 EST ON MAR 23	4.93 ON MAR 23	0.057 ON SEP 8	25 900	1976
1977	9.82E AT 19:36 EST ON MAR 13 *	9.26 ON MAR 14 *	0.040 ON JUL 28	25 300	1977
1978	4.84 AT 05:53 EST ON APR 4	4.84 ON APR 3	0.045 ON JUL 20	21 700	1978
1979	5.11 AT 22:31 EST ON APR 15	5.07 ON APR 15	0.041 ON AUG 22	24 000	1979
1980	5.13 AT 23:38 EST ON MAR 22	4.78 ON MAR 23	0.048 ON SEP 12	17 300	1980
1981	5.38 AT 01:46 EST ON FEB 22	5.26 ON FEB 22	0.017 ON JUL 17	18 500	1981
1982	8.05 AT 11:38 EST ON APR 2	8.08 ON APR 2	0.041 ON JUL 27	26 700	1982
1983	2.15 AT 14:30 EST ON MAY 5	2.13 ON MAY 5	0.028E ON SEP 18	20 600	1983
1984	5.34 AT 00:26 EST ON FEB 20	5.20 ON FEB 19	0.057 ON AUG 1	22 700	1984
1985	4.48 AT 21:30 EST ON MAR 31	4.41 ON APR 1	0.013 ON JUL 31	28 100	1985
1986	5.80 AT 07:42 EST ON MAR 20	5.20 ON MAR 20	0.072 ON SEP 8	24 800	1986
1987	4.13 AT 15:48 EST ON APR 7	3.88 ON APR 7	0.088 ON JUN 21	21 600	1987
1988	---	3.82 ON MAR 27	0.002 ON JUL 11 *	15 200	1988
				22 100	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	6 430	6 310	6 220	6 100	5 870	5 810	---	1958
1959	5 080	5 370	5 740	6 980	7 450	7 480	7 140	6 550	6 180	5 810	5 940	6 060	6 320	1959
1960	6 020	6 130	6 440	7 000	7 520	8 220	7 780	7 410	6 820	6 770	6 880	6 980	6 740	1960
1961	5 970	6 030	6 800	8 200	7 070	7 808	7 580	7 180	6 860	6 640	6 120	6 080	6 830	1961
1962	5 980	5 900	5 780	5 420	5 580	6 020	6 070	6 130	6 110	5 980	5 890	5 980	5 900	1962
1963	5 840	5 880	5 580	5 380	5 320	5 840	6 080	6 130	6 010	6 000	5 820	5 940	5 830	1963
1964	5 970	5 840	6 480	6 080	5 210	6 540	6 880	6 850	6 870	6 820	6 850	6 480	6 820	1964
1965	6 180	6 150	6 090	6 200	6 000	6 340	6 700	6 840	6 740	6 780	6 940	6 420	6 530	1965
1966	6 280	6 300	6 620	6 630	6 010	6 010	6 210	6 240	6 280	6 130	6 000	6 140	6 230	1966
1967	6 210	6 480	6 100	6 880	6 180	6 180	6 410	6 880	6 680	7 070	7 830	7 870	6 830	1967
1968	6 810	7 050	6 710	7 420	6 870	6 720	7 170	7 420	7 880	7 420	7 180	7 120	7 140	1968
1969	6 880	7 150	7 230	7 480	7 800	8 240	8 420	8 350	7 850	7 230	7 020	6 880	7 630	1969
1970	6 440	6 880	6 880	6 700	7 050	7 080	7 280	7 610	7 320	7 440	7 500	7 340	7 080	1970
1971	6 870	7 010	7 440	7 880	6 070	7 720	7 400	7 320	7 480	7 320	7 000	6 880	7 310	1971
1972	6 280	6 530	7 200	7 720	8 240	8 480	8 780	8 780	8 880	8 880	8 310	7 840	7 850	1972
1973	7 130	7 800	8 480	8 200	8 530	8 810	8 810	8 180	8 870	8 670	8 310	7 530	8 730	1973
1974	6 800	7 520	8 840	8 770	8 720	8 280	8 620	8 350	8 900	8 590	7 840	7 970	8 480	1974
1975	7 280	7 070	8 180	8 530	8 880	8 720	8 220	8 010	7 870	8 180	8 140	7 480	8 040	1975
1976	8 880	7 380	8 200	8 880	8 300	8 870	8 900	8 230	8 760	8 640	8 400	8 770	8 800	1976
1977	8 270	8 080	7 000	7 800	7 830	7 440	7 080	7 350	7 830	8 480	8 380	7 280	7 420	1977
1978	7 080	8 080	8 470	8 300	8 810	8 720	8 230	7 880	7 780	7 480	7 040	8 370	7 850	1978
1979	8 270	7 030	7 840	8 080	8 220	8 380	7 810	7 780	8 000	8 270	8 180	8 170	7 830	1979
1980	7 180	7 170	7 180	7 880	8 380	8 240	8 140	8 210	8 530	8 110	7 820	7 120	7 850	1980
1981	8 880	8 800	7 800	7 340	7 010	7 180	7 480	7 800	8 380	8 470	8 410	8 480	7 840	1981
1982	8 800	7 100	7 210	7 780	8 180	8 210	8 240	7 870	7 700	7 500	7 540	7 850	7 850	1982
1983	8 870	8 830	7 800	7 800	7 870	8 430	7 880	7 820	7 880	7 710	7 840	7 480	7 850	1983
1984	8 740	7 480	7 820	7 880	8 880	8 780	8 850	8 830	8 430	7 870	7 800	7 380	7 880	1984
1985	8 800	7 270	7 840	8 370	8 440	8 850	8 580	8 380	8 370	8 170	8 110	7 750	8 040	1985
1986	7 030	8 140	8 510	8 880	8 380	8 210	8 480	8 240	8 250	8 170	8 580	8 280	8 940	1986
1987	8 480	8 080	8 800	8 870	8 310	8 880	8 880	8 080	7 780	7 730	7 030	7 580	8 280	1987
1988	8 730	7 140	7 370	7 170	6 780	7 100	6 670	6 880	6 870	6 770	6 880	6 870	6 870	1988
MEAN	6 830	6 820	7 150	7 410	7 830	7 780	7 710	7 800	7 620	7 370	7 280	7 080	7 340	MEAN

LOCATION - LAT 45 00 21 N
LONG 74 47 43 W

DRAINAGE AREA, 774 000 km^2
REGULATED

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	7 500 ON JUN 19	4 840 ON JAN 8	198 000 000	1959
1960	---	8 690 ON JUN 28	5 520 ON JAN 14	213 000 000	1960
1961	---	8 010 ON JUN 10	5 580 ON MAR 11	209 000 000	1961
1962	---	8 200 ON SEP 7	5 070 ON MAR 31	188 000 000	1962
1963	---	8 710 ON JAN 31	4 900 ON MAR 30	184 000 000	1963
1964	---	8 120 ON JAN 1	4 670 ON APR 4	176 000 000	1964
1965	---	8 850 ON DEC 27	4 500 ON FEB 27 *	175 000 000	1965
1966	---	8 840 ON MAR 30	5 380 ON DEC 3	188 000 000	1966
1967	---	8 070 ON NOV 25	4 980 ON APR 1	209 000 000	1967
1968	---	7 830 ON DEC 8	5 950 ON DEC 21	226 000 000	1968
1969	---	8 470 ON JUN 28	5 950 ON JAN 4	238 000 000	1969
1970	---	7 930 ON DEC 12	5 680 ON JAN 3	223 000 000	1970
1971	---	8 130 ON MAY 15	5 230 ON JAN 1	231 000 000	1971
1972	---	8 830 ON SEP 8	5 660 ON JAN 1	251 000 000	1972
1973	---	8 840 ON JUL 11	5 510 ON JAN 10	275 000 000	1973
1974	---	9 860 ON JUL 23	5 800 ON JAN 12	288 000 000	1974
1975	---	8 780 ON APR 12	5 510 ON JAN 15	253 000 000	1975
1976	---	9 870 ON JUN 22	5 660 ON DEC 30	288 000 000	1976
1977	---	8 840 ON OCT 8	5 660 ON JAN 15	234 000 000	1977
1978	---	9 090 ON MAR 29	5 660 ON DEC 21	248 000 000	1978
1979	---	8 840 ON DEC 31	5 660 ON JAN 13	247 000 000	1979
1980	---	8 780 ON JAN 1	5 ?50 ON DEC 27	248 000 000	1980
1981	---	8 780 ON DEC 28	5 950 ON JAN 1	241 000 000	1981
1982	---	8 780 ON JAN 1	5 950 ON JAN 12	241 000 000	1982
1983	---	8 550 ON MAY 28	5 660 ON DEC 24	241 000 000	1983
1984	---	8 630 ON JUL 24	8 230 ON JAN 2	253 000 000	1984
1985	---	8 830 ON APR 19	8 030 ON DEC 28	254 000 000	1985
1986	---	10 200 ON DEC 31 *	8 230 ON JAN 8	282 000 000	1986
1987	---	10 200 ON JAN 1	8 210 ON JAN 23	261 000 000	1987
1988	---	7 850 ON JAN 1	8 200 ON DEC 31	220 000 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		232 000 000	MEAN

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1880	---	---	---	---	---	7 820	7 900	7 820	7 820	7 380	7 580	7 480	---	1880
1881	8 630	8 820	7 420	7 900	8 500	8 580	8 610	8 380	8 040	8 100	8 070	8 010	7 930	1881
1882	7 330	7 020	7 420	8 180	8 610	8 640	8 550	8 330	7 980	7 700	7 420	7 380	7 800	1882
1883	7 390	7 280	7 250	7 870	8 330	8 380	8 210	7 830	7 670	7 380	7 380	7 310	7 700	1883
1884	8 740	8 870	7 180	7 500	8 130	8 410	8 130	7 870	7 820	7 420	7 480	7 580	7 880	1884
1885	7 330	8 740	7 220	7 930	8 070	8 070	7 900	7 580	7 220	8 870	8 860	8 800	7 400	1885
1886	8 200	8 030	8 430	8 810	7 280	7 580	7 620	7 630	7 380	7 310	7 380	7 850	7 110	1886
1887	8 740	7 180	7 310	7 870	8 360	8 830	8 380	8 010	7 980	7 180	7 020	8 510	7 580	1887
1888	8 280	8 820	8 280	8 810	8 880	7 420	7 380	7 140	7 140	8 770	8 630	8 820	8 810	1888
1889	8 170	8 870	8 800	7 220	7 870	7 780	8 010	7 980	7 800	7 780	7 800	7 140	7 280	1889
1870	7 310	7 330	7 310	8 210	8 880	8 720	8 870	8 210	7 870	7 820	7 380	7 250	7 900	1870
1871	8 820	8 880	7 180	7 600	7 780	7 780	7 650	7 380	7 180	8 810	8 640	8 340	7 140	1871
1872	8 850	8 480	8 610	8 230	8 640	8 740	8 770	8 850	8 510	8 340	8 400	8 820	8 280	1872
1873	8 580	8 680	8 850	7 110	7 650	7 700	7 850	7 480	7 280	8 880	8 850	8 870	8 810	1873
1874	7 180	8 810	7 780	7 820	7 780	7 980	7 900	7 730	7 330	7 110	8 620	8 800	7 380	1874
1875	8 480	4 900	8 820	8 850	8 880	7 080	7 110	8 880	8 740	8 850	8 610	8 370	8 480	1875
1876	8 480	8 740	7 180	7 880	8 380	8 500	8 650	8 240	7 820	7 730	7 420	7 330	7 700	1876
1877	8 850	8 850	8 880	7 280	7 420	7 420	7 650	7 230	8 840	8 800	8 630	8 880	8 840	1877
1878	8 480	8 800	7 110	7 380	7 850	7 850	7 530	7 580	7 480	7 280	7 180	7 700	7 300	1878
1879	8 870	7 280	7 180	7 480	7 880	7 580	7 480	7 180	7 080	8 710	8 430	8 430	7 110	1879
1880	8 570	8 880	8 880	7 180	7 280	7 380	7 380	7 050	8 810	8 850	8 740	8 430	8 820	1880
1881	8 180	8 520	8 480	8 880	8 880	7 140	7 180	8 880	8 710	8 480	8 840	8 830	8 580	1881
1882	8 880	8 810	7 380	7 880	7 820	7 880	7 880	7 780	7 380	7 020	8 820	8 880	7 280	1882
1883	8 780	8 880	8 340	7 140	7 480	7 900	8 180	8 070	7 700	7 480	7 380	7 380	7 230	1883
1884	8 570	8 810	7 380	8 180	8 280	8 180	8 240	8 010	7 850	7 310	7 140	7 050	7 880	1884
1885	8 800	8 480	8 170	8 870	7 530	7 820	7 670	7 870	7 850	7 420	7 800	7 870	7 270	1885
1886	7 880	7 850	7 700	8 240	8 550	8 410	8 130	7 830	7 730	7 450	7 480	7 250	7 840	1886
1887	8 940	7 140	7 480	7 880	8 270	8 270	8 100	7 700	7 380	7 220	8 880	8 710	7 510	1887
1888	8 340	8 800	8 170	7 020	7 180	7 280	7 220	7 180	8 970	8 710	8 880	8 880	8 770	1888
1889	8 740	8 230	8 840	7 140	7 220	7 800	7 820	7 480	7 110	8 880	8 870	8 820	8 880	1889
1890	7 080	7 180	7 480	7 380	7 830	8 180	8 270	7 840	7 850	7 420	7 480	7 250	7 880	1890
1891	8 800	7 020	7 420	7 870	7 820	7 530	7 450	7 180	8 880	8 480	8 230	8 140	7 080	1891
1892	8 000	8 880	8 880	8 480	8 870	8 810	7 310	7 180	7 110	8 770	8 870	8 810	8 880	1892
1893	8 000	8 470	8 880	8 870	7 700	7 900	7 780	7 330	7 280	8 880	8 880	8 840	8 880	1893
1894	8 480	8 680	8 850	7 050	7 220	7 530	7 380	8 810	8 740	8 800	8 480	8 170	8 780	1894
1895	8 880	8 380	8 520	8 310	8 480	8 400	8 200	8 080	8 880	8 880	8 470	8 480	8 880	1895
1896	8 880	8 810	8 880	8 840	8 740	8 880	8 800	8 400	8 080	8 880	8 880	8 720	8 100	1896
1897	8 880	8 410	8 780	8 430	8 710	8 880	8 800	8 800	8 370	8 030	8 820	8 030	8 230	1897
1898	8 870	8 080	8 480	8 880	8 880	7 020	8 880	8 850	8 400	8 200	8 230	8 280	8 800	1898
1899	8 080	8 880	8 280	8 740	8 840	7 080	8 810	8 800	8 280	8 030	8 880	8 000	8 400	1899
1900	8 880	8 820	8 080	8 770	8 840	8 870	8 810	8 710	8 810	8 280	8 120	8 280	8 480	1900
1901	8 080	8 820	8 830	8 830	8 810	7 020	8 880	8 880	8 480	8 310	8 870	8 080	8 400	1901
1902	8 880	8 280	8 280	8 740	8 800	8 880	7 020	7 080	8 880	8 880	8 810	8 340	8 880	1902
1903	8 230	8 230	8 800	7 310	7 380	7 310	7 380	7 230	7 080	8 770	8 430	8 230	8 880	1903
1904	8 780	8 830	8 230	7 280	7 880	7 840	7 870	7 730	7 480	7 220	8 880	8 280	7 000	1904
1905	8 820	8 170	8 000	8 740	8 880	7 080	7 330	7 280	7 180	8 880	8 820	8 880	8 780	1905
1906	8 880	8 830	8 870	8 820	8 810	8 870	7 080	8 880	8 830	8 840	8 480	8 430	8 730	1906
1907	8 310	8 810	8 880	7 220	7 380	7 420	7 480	7 310	7 080	8 880	8 840	8 810	7 020	1907
1908	8 870	8 840	7 020	7 870	8 270	8 320	8 180	7 800	7 420	8 880	8 740	8 430	7 380	1908
1909	8 080	8 880	8 340	8 820	7 380	7 830	7 480	7 280	6 810	8 880	8 270	8 280	8 780	1908
1910	8 820	8 880	8 480	8 710	7 020	7 080	8 870	8 820	8 840	8 400	8 230	8 080	8 480	1910
1911	8 780	8 880	8 830	8 340	8 870	8 870	8 840	8 310	8 080	8 870	8 000	8 000	8 140	1911
1912	8 720	8 410	8 810	8 880	7 220	7 880	7 230	7 140	8 880	8 880	8 820	8 880	8 880	1912
1913	8 880	8 880	7 080	7 730	7 830	7 830	7 780	7 800	7 140	8 810	8 880	8 740	7 280	1913
1914	8 400	8 080	8 170	7 180	7 280	7 280	7 140	8 840	8 820	8 480	8 400	8 080	8 880	1914
1915	8 030	8 780	8 280	8 280	8 280	8 230	8 280	8 430	8 480	8 340	8 200	8 000	8 220	1915
1916	8 170	8 120	8 080	8 840	7 420	7 780	7 840	7 830	7 140	8 770	8 810	8 310	8 880	1916
1917	8 080	8 340	8 280	8 880	8 840	7 280	7 880	7 830	7 280	7 180	7 100	8 880	8 880	1917
1918	8 820	8 320	8 430	7 300	7 380	7 380	7 270	7 010	8 870	8 700	8 780	8 840	8 810	1918
1919	8 780	8 880	8 740	7 110	7 880	7 880	7 770	7 820	7 220	8 830	8 780	8 800	7 130	1919
1920	8 000	8 780	8 810	8 480	8 490	8 480	8 580	8 800	8 400	8 330	8 210	8 400	8 300	1920
1921	8 440	8 280	8 880	8 830	7 110	7 080	8 840	8 880	8 400	8 210	8 880	8 080	8 880	1921
1922	8 800	8 810	8 040	8 800	7 020	7 130	7 270	7 010	8 710	8 480	8 200	8 880	8 810	1922
1923	8 870	8 850	8 880	8 280	8 480	8 870	8 880	8 380	8 130	8 800	8 780	8 880	8 080	1923
1924	8 940	8 730	8 880	8 380	8 780	8 880	8 880	8 780	8 800	8 390	8 180	8 880	8 380	1924
1925	8 170	8 230	8 080	8 420	8 800	8 410	8 280	8 110	8 800	8 770	8 840	8 840	8 880	1925
1926	8 820	8 080	8 280	8 080	8 380	8 380	8 280	8 180	8 080	8 170	8 420	8 430	8 020	1926
1927	8 880	8 870	8 270	8 880	8 720	8 880	8 770	8 810	8 340	8 140	8 110	8 800	8 400	1927
1928	8 880	8 840	8 880	7 000	7 080	7 070	7 180	7 110	8 880	8 810	8 830	8 880	8 820	1928
1929	8 840	8 800	8 780	7 420	8 080	8 130	8 080	7 880	7 880	7 230	7 180	8 740	7 340	1928
1930	7 080	7 130	7 830	7 470	7 810	7 880	7 880	7 830	7 210	8 880	8 840	8 280	7 320	1930
1931	8 080	8 800	8 820	8 120	8 210	8 340	8 280	8 020	8 880	8 700	8 880	8 810	8 840	1931
1932	8 770	8 130	8 210	8 800	8 780	8 720	8 840	8 470	8 130	8 800	8 780	8 780	8 240	1932
1933	8 780	8 880	8 880	8 000	8 280	8 340	8 140	8 800	8 720	8 480	8 220	8 080	8 780	1933
1934	4 780	4 880	8 180	8 780	8 840	8 720	8 830	8 280	8 080	4 880	4 800	4 820	8 220	1934
1935	4 880	4 770	8 020	8 300	8 480	8 840	8 720	8 880	8 330	8 170	4 880	4 850	8 220	1935
1936	4 780	4 380	8 080	8 180	8 310	8 180	8 880	8 880	8 520	8 480	8 480	8 280	8 820	1936
1937	8 800	8 850	8 830	8 140	8 880	8 700	8 710	8 880	8 300	8 080	8 070	8 850	8 210	1937
1938	8 880	8 700	8 880	8 800	8 880	8 810	8 480	8 800	8 240	8 080	8 880	8 840	8 180	1938
1939	8 880	8 180	8 880	8 820	8 780	8 720	8 830	8 810	8 180	8 010	8 730	8 800	8 080	1938
1940	8 340	8 210	8 230	8 840	8 400	8 640	8 820	8 480	8 280	8 020	8 880	8 870	8 000	1940
1941	8 080	8 720	8 740	8 480	8 410	8 280	8 130	8 880	8 800	8 840	8 840	8 800	8 840	1941
1942	8 480	8 320	8 780	8 380	8 870	8 720	8 870	8 880	8 410	8 280	8 270	8 270	8 230	1942
1943	8 830	8 230	8 380	7 270	7 770	8 270	8 140	7 880	7 880	7 280	7 280	7 080	7 280	1943
1944	8 880	8 430	8 480	8 840	7 280	7 380	7 380	7 140	8 880	8 820	8 280	8 300	8 800	1944
1945	8 510	8 870	8 870	7 280	7 880	7 730	7 880	7 870	7 330	7 880	7 440	7 800	7 140	1945
1946	7 380	8 770	7 230	7 440	7 300	7 380	7 240	7 080	8 830	8 880	8 700	8 870	7 080	1946
1947	8 430	8 880	8 880	7 270	7 880	8 340	8 380	8 200	7 800	7 480	7 220	7 070	7 430	1947
1948	8 340	8 220	8 800	7 780	7 870	8 040	7 880	7 820	7 220	8 820	8 830	8 840	7 180	1948
1949	8 880	8 720	8 880	7 200	7 220	7 080	8 810	8 800	8 330	8 110	8 880	8 800	8 810	1948
1950	8 220	8 350	8 880	7 330	7 430	7 440	7 280	7 080	8 810	8 880	8 830	8 800	8 880	1950
1951	8 880	8 520	7 420	8 050	8 340	8 270	8 280	7 870	7 630	7 280	7 130	7 170	7 870	1951
1952	7 280	7 810	7 800	8 320	8 880	8 830	8 400	8 080	7 780	7 480	7 110	7 180	7 840	1952
1953	7 180	7 280	7 340	7 880	8 810	8 010	7 800	7 840	7 340	8 830	8 720	8 770	7 370	1953
1954	8 480	8 870	7 200	7 880	7 880	7 810	7 880	7 280	7 180	7 170	7 180	7 280	7 300	1954

CONTINUED

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---	142 000 000	1880
1881	---	---	---	280 000 000	1881
1882	---	---	---	249 000 000	1882
1883	---	---	---	243 000 000	1883
1884	---	---	---	240 000 000	1884
1885	---	---	---	233 000 000	1885
1886	---	---	---	224 000 000	1886
1887	---	---	---	238 000 000	1887
1888	---	---	---	215 000 000	1888
1889	---	---	---	229 000 000	1889
1870	---	---	---	249 000 000	1870
1871	---	---	---	226 000 000	1871
1872	---	---	---	188 000 000	1872
1873	---	---	---	218 000 000	1873
1874	---	---	---	233 000 000	1874
1875	---	---	---	204 000 000	1875
1876	---	---	---	244 000 000	1876
1877	---	---	---	219 000 000	1877
1878	---	---	---	230 000 000	1878
1879	---	---	---	224 000 000	1879
1880	---	---	---	218 000 000	1880
1881	---	---	---	207 000 000	1881
1882	---	---	---	232 000 000	1882
1883	---	---	---	228 000 000	1883
1884	---	---	---	240 000 000	1884
1885	---	---	---	229 000 000	1885
1886	---	---	---	247 000 000	1886
1887	---	---	---	237 000 000	1887
1888	---	---	---	214 000 000	1888
1889	---	---	---	220 000 000	1889
1890	---	---	---	240 000 000	1890
1891	---	---	---	223 000 000	1891
1892	---	---	---	207 000 000	1892
1893	---	---	---	217 000 000	1893
1894	---	---	---	214 000 000	1894
1895	---	---	---	188 000 000	1895
1896	---	---	---	193 000 000	1896
1897	---	---	---	187 000 000	1897
1898	---	---	---	205 000 000	1898
1899	---	---	---	202 000 000	1899
1900	---	---	---	204 000 000	1900
1901	---	---	---	202 000 000	1901
1902	---	---	---	208 000 000	1902
1903	---	---	---	216 000 000	1903
1904	---	---	---	221 000 000	1904
1905	---	---	---	213 000 000	1905
1906	---	---	---	212 000 000	1906
1907	---	---	---	221 000 000	1907
1908	---	---	---	233 000 000	1908
1909	---	---	---	213 000 000	1909
1910	---	---	---	205 000 000	1910
1911	---	---	---	194 000 000	1911
1912	---	---	---	212 000 000	1912
1913	---	---	---	230 000 000	1913
1914	---	---	---	211 000 000	1914
1915	---	---	---	188 000 000	1915
1916	---	---	---	218 000 000	1916
1917	---	---	---	219 000 000	1917
1918	---	7 820 ON APR 22	5 800 ON FEB 8	218 000 000	1918
1919	---	7 950 ON MAY 28	5 260 ON NOV 28	226 000 000	1919
1920	---	8 650 ON DEC 23	5 270 ON FEB 1	189 000 000	1920
1921	---	7 250 ON MAY 15	5 550 ON NOV 2	207 000 000	1921
1922	---	7 380 ON JUL 8	4 730 ON DEC 26	205 000 000	1922
1923	---	8 810 ON JUN 27	4 980 ON JAN 7	181 000 000	1923
1924	---	7 190 ON MAY 18	5 350 ON FEB 5	201 000 000	1924
1925	---	8 710 ON MAY 2	4 730 ON JAN 12	189 000 000	1925
1926	---	8 850 ON DEC 14	4 700 ON FEB 2	190 000 000	1926
1927	---	7 140 ON DEC 8	5 010 ON FEB 20	202 000 000	1927
1928	---	7 450 ON JAN 20	5 030 ON MAR 8	216 000 000	1928
1929	---	8 380 ON MAY 18	5 630 ON JAN 15	232 000 000	1929
1930	---	8 130 ON APR 22	5 090 ON DEC 27	231 000 000	1930
1931	---	8 480 ON JUN 8	5 210 ON DEC 20	187 000 000	1931
1932	---	8 870 ON MAY 17	5 100 ON JAN 1	197 000 000	1932
1933	---	8 510 ON JUN 12	4 250 ON DEC 28	181 000 000	1933
1934	---	8 080 ON APR 28	4 110 ON JAN 30	185 000 000	1934
1935	---	5 630 ON JUN 13	4 300 ON JAN 13	185 000 000	1935
1936	---	8 480 ON APR 17	3 840 ON FEB 7 *	178 000 000	1936
1937	---	8 980 ON JUL 27	5 100 ON JAN 2	198 000 000	1937
1938	---	7 080 ON SEP 22	5 040 ON MAR 4	195 000 000	1938
	---	8 970 ON MAY 30	4 700 ON FEB 19	182 000 000	1939
1940	---	8 800 ON JUN 28	4 700 ON JAN 18	190 000 000	1940
1941	---	8 680 ON APR 21	4 980 ON FEB 10	187 000 000	1941
1942	---	8 970 ON DEC 2	4 880 ON JAN 28	188 000 000	1942
1943	---	8 410 ON JUN 18	5 100 ON JAN 21	228 000 000	1943
1944	---	7 500 ON JUN 7	5 820 ON DEC 12	215 000 000	1944
1945	---	8 040 ON MAY 23	4 830 ON JAN 18	225 000 000	1945
1946	---	7 670 ON JAN 13	5 780 ON DEC 26	223 000 000	1946
1947	---	8 580 ON JUN 15	5 080 ON JAN 23	234 000 000	1947
1948	---	8 180 ON MAY 8	5 010 ON JAN 30	227 000 000	1948
1949	---	7 380 ON APR 21	5 490 ON NOV 12	208 000 000	1949
1950	---	7 840 ON MAY 8	5 780 ON JAN 24	217 000 000	1950
1951	---	8 470 ON MAY 14	5 890 ON FEB 2	238 000 000	1951
1952	---	8 920 ON MAY 12	5 710 ON NOV 22	248 000 000	1952
1953	---	8 210 ON JUN 8	5 850 ON NOV 7	233 000 000	1953
1954	---	8 180 ON MAY 17	6 120 ON JAN 27	230 000 000	1954

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ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	7 350	6 970	7 550	6 150	6 330	6 140	7 800	7 510	7 250	7 200	7 300	7 050	7 550	1955
1956	6 750	6 540	6 740	7 270	7 820	7 930	7 750	7 510	7 350	7 000	6 790	6 650	7 150	1956
1957	6 520	6 450	6 540	6 540	6 940	7 000	7 020	6 540	6 530	6 350	6 170	6 070	6 630	1957
1958	6 200	5 980	6 040	6 510	6 490	6 500	6 690	6 270	6 070	6 100	5 650	5 920	6 220	1958
MEAN	6 280	6 180	6 450	7 050	7 300	7 380	7 350	7 140	6 900	6 880	6 580	6 500	6 820	MEAN

LOCATION - LAT 44 50 28 N DRAINAGE AREA, 772 000 km²
LONG 75 18 35 W REGULATED

REMARKS - ONLY MONTHLY MEANS AVAILABLE PRIOR TO OCT 1917

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	8 470 ON MAY 5	5 770 ON OCT 5	238 000 000	1955
1956	---	8 180 ON JUN 1	6 260 ON DEC 22	228 000 000	1956
1957	---	7 880 ON JUN 28	5 930 ON DEC 4	209 000 000	1957
1958	---	8 170 ON JUL 2 *	5 410 ON NOV 1	196 000 000	1958
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 300 000	MEAN

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1880	1 670	1 870	2 010	2 070	2 320	2 440	2 480	2 480	2 440	2 480	2 350	2 210	2 280	1880
1881	1 900	1 870	1 870	1 870	2 380	2 520	2 630	2 550	2 580	2 520	2 440	2 240	2 260	1881
1882	2 070	1 840	1 780	1 780	2 100	2 150	2 180	2 280	2 320	2 320	2 210	2 100	2 100	1882
1883	1 870	1 760	1 700	1 840	1 780	1 810	1 900	2 010	2 100	2 100	2 150	1 880	1 900	1883
1884	1 730	1 870	1 580	1 580	1 840	1 870	1 930	1 980	2 010	1 930	1 780	1 810	1 810	1884
1885	1 580	1 420	1 420	1 810	2 010	2 180	2 320	2 320	2 280	2 270	2 010	1 900	1 950	1885
1886	1 530	1 380	1 440	1 870	1 900	2 040	2 120	2 180	2 180	2 210	2 150	1 870	1 880	1886
1887	1 610	1 730	1 780	1 810	2 100	2 040	2 270	2 380	2 320	2 180	2 070	1 930	2 020	1887
1888	1 730	1 440	1 700	1 900	1 900	1 880	2 120	2 150	2 180	2 040	2 100	2 100	1 950	1888
1889	1 730	1 810	1 420	1 670	1 980	2 010	2 280	2 550	2 800	2 780	2 550	2 070	2 120	1889
1870	1 840	1 730	1 730	1 780	1 880	2 410	2 480	2 480	2 580	2 480	2 440	2 280	2 180	1870
1871	2 070	1 880	1 840	1 900	2 240	2 480	2 580	2 520	2 550	2 440	2 280	2 070	2 250	1871
1872	1 980	1 900	1 780	1 780	2 240	2 350	2 580	2 780	2 800	2 720	2 630	2 380	2 320	1872
1873	2 120	2 040	2 070	2 070	2 380	2 480	2 720	2 890	2 820	2 830	2 890	2 580	2 480	1873
1874	2 240	2 150	2 100	2 010	2 270	2 480	2 780	2 780	2 750	2 830	2 890	2 830	2 480	1874
1875	2 380	2 240	2 210	2 350	2 520	2 720	2 780	2 780	2 840	2 880	2 890	2 350	2 570	1875
1876	2 320	2 290	2 150	2 180	2 610	2 870	3 280	3 280	3 310	3 110	2 920	2 830	2 780	1876
1877	2 440	2 460	2 410	2 320	2 320	2 480	2 580	2 720	2 580	2 610	2 480	2 380	2 490	1877
1878	2 240	2 100	2 040	2 040	2 180	2 320	2 410	2 380	2 210	2 270	2 210	2 100	2 210	1878
1879	1 900	1 870	1 580	1 810	1 810	1 870	2 040	2 070	2 010	2 040	1 930	1 730	1 880	1879
1880	1 810	1 610	1 580	1 580	1 950	2 380	2 520	2 440	2 550	2 410	2 440	2 270	2 110	1880
1881	2 100	2 040	2 040	1 880	2 210	2 350	2 480	2 440	2 520	2 800	2 750	2 550	2 380	1881
1882	2 240	2 120	2 070	2 070	2 270	2 320	2 520	2 580	2 550	2 490	2 460	2 280	2 330	1882
1883	2 070	2 010	2 010	2 040	2 040	2 240	2 350	2 610	2 410	2 320	2 240	2 100	2 200	1883
1884	2 040	1 950	1 900	1 810	2 010	2 070	2 180	2 210	2 240	2 280	2 320	2 210	2 100	1884
1885	2 120	2 040	1 980	1 870	2 210	2 380	2 480	2 610	2 480	2 380	2 320	2 180	2 260	1885
1886	1 980	1 900	1 900	1 900	2 100	2 210	2 280	2 380	2 290	2 320	2 210	2 070	2 130	1886
1887	1 980	1 870	1 870	1 780	1 980	2 180	2 380	2 320	2 240	2 320	2 180	1 980	2 080	1887
1888	1 870	1 700	1 700	1 870	1 980	2 410	2 480	2 480	2 440	2 410	2 280	2 130	2 130	1888
1889	1 980	1 840	1 840	1 840	2 120	2 210	2 350	2 380	2 350	2 270	2 120	1 830	2 100	1889
1890	1 880	1 870	1 870	1 840	1 840	2 180	2 380	2 280	2 240	2 210	2 120	1 880	2 010	1890
1891	1 840	1 700	1 810	1 730	1 900	1 870	1 930	1 930	1 900	1 930	1 870	1 780	1 820	1891
1892	1 730	1 580	1 470	1 530	1 780	1 900	1 880	1 850	1 850	1 900	1 780	1 610	1 780	1892
1893	1 580	1 470	1 470	1 580	1 780	2 010	2 100	2 150	2 100	2 070	2 040	1 810	1 850	1893
1894	1 780	1 700	1 670	1 810	2 210	2 320	2 380	2 380	2 320	2 380	2 280	2 180	2 120	1894
1895	2 070	2 010	1 930	1 930	2 040	2 210	2 320	2 320	2 410	2 480	2 240	2 180	2 180	1895
1896	1 880	1 880	1 870	1 930	2 210	2 410	2 480	2 480	2 440	2 270	2 280	2 180	2 210	1896
1897	2 100	1 950	1 850	1 880	2 180	2 350	2 480	2 620	2 480	2 380	2 350	2 120	2 240	1897
1898	1 900	1 780	1 730	1 780	1 950	2 150	2 270	2 320	2 320	2 280	2 240	2 210	2 080	1898
1899	1 880	1 900	1 900	1 840	2 280	2 480	2 580	2 830	2 780	2 810	2 520	2 440	2 330	1899
1900	2 240	2 180	2 070	2 070	2 180	2 210	2 320	2 440	2 610	2 880	2 880	2 380	2 340	1900
1901	2 270	2 120	1 950	1 880	2 150	2 240	2 440	2 440	2 290	2 280	2 210	2 040	2 200	1901
1902	1 870	1 780	1 810	1 730	1 840	1 900	2 100	2 120	2 180	2 100	2 120	1 880	1 880	1902
1903	1 810	1 730	1 700	1 780	1 880	2 180	2 240	2 280	2 270	2 280	2 270	2 070	2 080	1903
1904	2 040	1 930	1 930	1 880	2 150	2 320	2 380	2 440	2 480	2 580	2 480	2 290	2 260	1904
1905	2 210	2 010	1 900	2 100	2 240	2 320	2 480	2 480	2 630	2 630	2 480	2 380	2 310	1905
1906	2 320	2 150	2 100	2 180	2 290	2 440	2 490	2 520	2 490	2 440	2 380	2 240	2 340	1906
1907	2 100	2 010	1 900	1 880	2 040	2 210	2 380	2 490	2 880	2 440	2 410	2 320	2 240	1907
1908	2 120	1 880	1 840	1 780	1 900	2 210	2 440	2 490	2 610	2 320	2 240	2 100	2 180	1908
1909	1 800	1 730	1 530	1 500	1 590	1 780	1 880	2 150	2 150	2 180	1 880	2 100	1 870	1909
1910	1 900	1 780	1 810	1 580	1 810	1 810	1 870	1 980	1 950	1 930	1 870	1 840	1 780	1910
1911	1 560	1 420	1 330	1 380	1 470	1 590	1 640	1 780	1 780	1 780	1 700	1 640	1 580	1911
1912	1 810	1 530	1 500	1 530	1 700	1 810	1 810	1 850	1 980	2 010	1 850	1 640	1 770	1912
1913	1 780	1 700	1 640	1 730	1 930	1 980	2 070	2 120	2 150	2 240	2 210	2 120	1 870	1913
1914	1 880	1 850	1 840	1 810	1 980	2 070	2 120	2 150	2 270	2 480	2 410	1 880	2 040	1914
1915	1 900	1 900	1 870	1 810	1 980	2 010	2 120	2 150	2 120	2 120	2 150	2 070	2 020	1915
1916	2 010	1 880	1 850	2 100	2 350	2 780	2 780	2 840	3 280	3 370	3 230	3 080	2 880	1916
1917	2 520	2 440	2 380	2 480	2 580	2 580	2 520	2 270	2 350	2 410	2 320	1 840	2 380	1917
1918	1 870	1 810	1 840	1 810	1 870	2 040	1 780	1 870	2 100	2 180	1 880	1 840	1 880	1918
1919	1 840	1 880	1 590	1 590	1 840	1 890	1 810	1 880	1 870	1 840	1 870	1 870	1 820	1919
1920	1 700	1 870	1 840	1 840	2 320	2 410	2 520	2 800	2 440	1 830	1 730	1 840	2 040	1920
1921	1 580	1 610	1 530	1 580	1 440	1 380	1 840	1 730	1 730	1 700	1 440	1 380	1 580	1921
1922	1 280	1 270	1 300	1 380	1 330	1 220	1 270	1 330	1 300	1 380	1 440	1 440	1 320	1922
1923	1 420	1 440	1 530	1 500	1 700	1 880	1 880	1 580	1 530	1 800	1 470	1 800	1 630	1923
1924	1 530	1 800	1 530	1 580	1 880	1 800	1 380	1 800	1 470	1 470	1 530	1 800	1 610	1924
1925	1 580	1 530	1 880	1 670	1 700	1 880	1 800	1 670	2 100	2 180	2 100	1 830	1 780	1925
1926	1 870	1 810	1 880	1 840	1 700	1 810	1 880	2 270	1 180	1 280	1 380	1 870	1 610	1926
1927	2 040	2 040	2 010	2 100	2 150	2 210	2 150	2 280	2 240	2 180	2 320	2 120	2 180	1927
1928	2 120	2 120	2 070	2 180	2 240	2 100	1 880	2 380	2 880	3 140	3 310	2 820	2 480	1928
1929	1 880	1 880	1 730	2 880	2 780	2 150	2 880	2 150	2 100	1 700	1 840	1 880	2 070	1929
1930	1 880	1 880	1 840	1 610	1 840	1 730	2 180	2 810	2 280	1 870	1 880	1 470	1 800	1930
1931	1 380	1 440	1 380	1 440	1 280	1 300	1 380	1 330	1 880	1 880	1 610	1 800	1 430	1931
1932	1 800	1 840	1 840	1 610	1 810	1 880	1 700	1 730	2 240	2 040	1 950	1 880	1 730	1932
1933	1 380	1 330	1 420	1 380	1 800	1 880	1 880	1 840	1 730	1 840	2 120	1 830	1 840	1933
1934	1 840	1 700	1 730	1 870	1 840	2 070	2 880	2 880	2 810	2 210	2 410	2 740	2 170	1934
1935	1 880	1 780	2 180	2 720	2 800	2 620	2 880	2 880	2 800	3 110	2 840	1 830	2 510	1935
1936	1 840	1 840	1 840	1 840	2 350	2 480	2 410	2 440	2 380	2 180	2 180	1 870	2 140	1936
1937	1 610	1 810	1 810	1 840	1 780	2 180	2 040	2 040	2 070	2 070	2 040	1 610	1 840	1937
1938	1 780	1 780	1 700	1 700	2 280	3 310	3 670	3 810	3 450	3 340	2 780	1 730	2 880	1938
1939	1 780	1 780	1 780	2 100	2 880	2 840	3 280	3 670	3 810	3 170	2 180	1 870	2 670	1939
1940	1 810	1 840	1 830	1 800	1 880	1 810	1 730	1 780	1 730	1 730	1 730	1 700	1 880	1940
1941	1 780	1 780	1 730	1 700	1 700	1 700	1 810	1 700	1 730	2 180	3 080	2 380	1 820	1941
1942	2 380	1 900	1 670	2 520	1 800	2 280	2 810	2 240	2 240	1 880	1 880	1 870	2 080	1942
1943	1 700	1 810	2 120	2 280	2 880	3 110	3 480	3 800	3 840	3 230	2 800	2 120	2 700	1943
1944	1 830	1 840	1 840	1 670	1 730	1 730	2 270	2 820	3 080	3 280	2 880	2 380	2 280	1944
1945	2 120	2 100	2 100	2 440	3 080	3 000	2 180	2 100	2 070	2 280	2 880	2 120	2 380	1945
1946	2 100	2 100	2 070	1 830	2 180	2 180	2 180	2 120	2 180	2 240	2 180	2 180	2 130	1946
1947	2 120	2 120	2 070	2 070	2 180	2 210	3 310	3 280	2 880	3 230	2 880	2 210	2 820	1947
1948	2 180	2 120	2 100	2 120	2 100	1 880	1 840	1 780	1 840	1 870	1 810	1 810	1 800	1948
1949	1 810	1 810	1 810	1 870	1 780	1 780	1 730	1 870	2 040	2 040	2 040	1 800	1 810	1949
1950	1 780	1 870	1 870	1 880	2 870	3 510	3 800	3 670	3 510	3 430	3 200	2 770	1950
1951	2 320	2 270	2 270	2 840	3 480	3 480	3 510	3 480	3 510	3 430	2 820	2 080	1951
1952	2 380	2 320	2 280	2 320	3 030	2 240	1 900	3 310	3 310	3 230	3 030	2 120	2 820	1952
1953	2 100	2 040	1 880	2 210	2 830	2 780	3 020	3 400	3 370	3 230	2 880	2 270	2 880	1953
1954	2 100	2 040	2 040	2 010	2 150	2 180	2 830	3 280	3 200	2 720	2 150	1 840	2 380	1954

CONTINUED

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---	71 200 000	1880
1881	---	---	---	72 000 000	1881
1882	---	---	---	85 100 000	1882
1883	---	---	---	80 000 000	1883
1884	---	---	---	57 200 000	1884
1885	---	---	---	81 400 000	1885
1886	---	---	---	59 500 000	1886
1887	---	---	---	83 600 000	1887
1888	---	---	---	81 500 000	1888
1889	---	---	---	87 000 000	1889
1870	---	---	---	89 100 000	1870
1871	---	---	---	70 900 000	1871
1872	---	---	---	73 400 000	1872
1873	---	---	---	76 300 000	1873
1874	---	---	---	78 100 000	1874
1875	---	---	---	81 000 000	1875
1876	---	---	---	87 100 000	1876
1877	---	---	---	76 400 000	1877
1878	---	---	---	89 700 000	1878
1879	---	---	---	88 500 000	1879
1880	---	---	---	85 700 000	1880
1881	---	---	---	74 300 000	1881
1882	---	---	---	73 800 000	1882
1883	---	---	---	89 500 000	1883
1884	---	---	---	85 500 000	1884
1885	---	---	---	71 100 000	1885
1886	---	---	---	87 200 000	1886
1887	---	---	---	85 900 000	1887
1888	---	---	---	87 300 000	1888
1889	---	---	---	85 400 000	1889
1890	---	---	---	83 400 000	1890
1891	---	---	---	87 300 000	1891
1892	---	---	---	88 500 000	1892
1893	---	---	---	88 300 000	1893
1894	---	---	---	88 700 000	1894
1895	---	---	---	88 700 000	1895
1896	---	---	---	89 800 000	1896
1897	---	---	---	70 800 000	1897
1898	---	---	---	85 800 000	1898
1899	---	---	---	73 300 000	1899
1900	---	---	---	73 700 000	1900
1901	---	---	---	88 500 000	1901
1902	---	---	---	81 300 000	1902
1903	---	---	---	84 700 000	1903
1904	---	---	---	71 000 000	1904
1905	---	---	---	72 800 000	1905
1906	---	---	---	73 800 000	1906
1907	---	---	---	70 800 000	1907
1908	---	---	---	85 100 000	1908
1909	---	---	---	89 100 000	1909
1910	---	---	---	58 500 000	1910
1911	---	---	---	50 000 000	1911
1912	---	---	---	55 900 000	1912
1913	---	---	---	62 200 000	1913
1914	---	---	---	65 700 000	1914
1915	---	---	---	63 800 000	1915
1916	---	---	---	63 900 000	1916
1917	---	---	---	75 300 000	1917
1918	---	---	---	59 800 000	1918
1919	---	---	---	61 100 000	1919
1920	---	---	---	64 400 000	1920
1921	---	---	---	49 300 000	1921
1922	---	---	---	41 600 000	1922
1923	---	---	---	46 100 000	1923
1924	---	---	---	47 700 000	1924
1925	---	---	---	55 400 000	1925
1926	---	---	---	47 800 000	1926
1927	---	---	---	67 900 000	1927
1928	---	---	---	77 400 000	1928
1929	---	---	---	85 200 000	1929
1930	---	---	---	58 700 000	1930
1931	---	---	---	45 100 000	1931
1932	---	---	---	54 700 000	1932
1933	---	---	---	51 800 000	1933
1934	---	---	---	68 400 000	1934
1935	---	---	---	79 100 000	1935
1936	---	---	---	67 800 000	1936
1937	---	---	---	61 100 000	1937
1938	---	---	---	61 300 000	1938
1939	---	---	---	61 000 000	1939
1940	---	---	---	63 400 000	1940
1941	---	---	---	60 500 000	1941
1942	---	---	---	65 500 000	1942
1943	---	---	---	66 200 000	1943
1944	---	---	---	71 300 000	1944
1945	---	---	---	74 100 000	1945
1946	---	---	---	67 300 000	1946
1947	---	---	---	78 800 000	1947
1948	---	---	---	69 900 000	1948
1949	---	---	---	67 000 000	1949
1950	---	---	---	67 200 000	1950
1951	---	---	---	57 800 000	1951
1952	---	---	---	63 000 000	1952
1953	---	---	---	64 000 000	1953
1954	---	---	---	78 100 000	1954

CONTINUED

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	1 780	1 780	1 730	1 700	2 040	2 120	1 930	1 870	1 180	1 420	2 350	2 180	1 840	1955
1956	2 100	2 100	2 070	2 150	1 950	1 730	1 740	2 040	2 040	2 070	1 980	1 950	1 930	1956
1957	1 900	1 870	1 810	1 810	1 470	1 530	1 530	1 810	1 900	1 900	1 870	1 840	1 740	1957
1958	2 010	2 010	1 950	1 730	1 780	1 780	1 610	1 590	1 810	1 870	1 950	1 870	1 810	1958
1959	1 870	1 900	1 840	1 930	1 980	1 950	1 900	1 950	2 120	3 170	3 340	2 520	2 210	1959
1960	2 100	2 040	1 950	1 870	1 930	3 140	3 280	2 870	2 920	2 610	2 070	1 930	2 400	1960
1961	1 900	1 900	1 870	1 870	1 930	1 950	1 840	1 810	1 810	1 840	1 840	1 840	1 820	1961
1962	1 810	1 840	1 810	1 780	1 700	1 700	1 780	1 730	1 590	1 810	1 930	1 840	1 780	1962
1963	1 780	1 840	1 700	1 610	1 730	1 730	1 780	1 780	2 040	1 810	1 900	1 590	1 770	1963
1964	1 870	1 900	1 930	1 930	1 980	2 040	2 280	2 830	3 030	3 140	3 280	2 830	2 390	1964
1965	2 440	2 380	2 350	2 320	2 690	2 800	3 200	3 230	3 080	2 830	2 880	2 410	2 720	1965
1966	2 180	2 180	2 180	2 280	2 270	2 240	2 720	2 720	2 940	2 580	2 270	2 120	2 390	1966
1967	2 010	2 040	2 010	2 010	2 410	2 550	2 580	2 810	2 480	2 010	2 040	1 980	2 220	1967
1968	1 950	1 950	1 900	1 950	1 980	1 980	2 630	3 450	3 480	3 510	3 480	2 410	2 150	1968
1969	2 380	2 610	2 690	2 920	3 280	3 280	3 280	3 310	2 970	1 940	1 910	1 920	2 710	1969
1970	1 920	2 340	1 870	1 810	1 830	1 840	1 840	2 720	2 240	1 820	2 450	2 880	2 140	1970
1971	2 820	2 380	2 380	2 700	3 080	3 200	3 230	3 000	3 080	3 200	3 170	3 810	2 900	1971
1972	2 280	2 070	2 120	2 130	3 140	3 280	3 230	3 230	3 280	3 140	3 280	2 440	2 880	1972
1973	2 120	1 810	1 800	1 980	1 890	2 270	2 750	3 240	2 830	2 380	2 410	2 150	1973
1974	2 150	2 130	2 130	2 130	2 070	2 410	2 140	2 140	2 110	2 070	2 380	2 740	2 220	1974
1975	2 480	2 420	2 440	2 820	2 770	2 810	2 280	2 280	2 080	1 880	1 840	1 880	2 310	1975
1976	1 870	1 840	1 850	2 020	2 380	2 310	2 280	2 040	1 920	1 810	1 810	1 880	1 980	1976
1977	1 740	1 710	1 730	1 750	1 720	1 740	1 520	1 890	1 870	2 770	3 140	2 550	2 000	1977
1978	2 200	2 180	2 150	2 180	2 320	2 400	2 480	2 630	2 780	2 800	2 740	2 110	2 410	1978
1979	1 810	1 800	1 810	1 890	2 320	2 780	3 180	3 230	3 200	2 780	2 800	2 300	2 500	1979
1980	2 110	2 140	2 110	2 140	2 400	2 270	2 180	2 110	2 040	2 330	2 280	1 910	2 170	1980
1981	1 880	1 810	1 880	2 130	2 480	2 720	2 800	2 780	2 300	1 380	1 280	1 310	2 080	1981
1982	1 280	1 280	1 280	1 310	1 730	2 100	2 220	2 380	2 400	2 530	2 640	2 800	2 020	1982
1983	2 300	2 320	2 480	2 440	2 830	2 850	2 820	2 880	2 370	1 710	2 280	2 270	2 510	1983
1984	2 300	2 140	2 280	2 300	2 780	2 820	3 020	3 110	2 830	2 110	1 820	1 840	2 450	1984
1985	1 880	1 880	2 080	1 880	1 880	1 820	1 680	2 320	2 880	3 480	3 780	2 800	2 430	1985
1986	2 420	2 430	2 400	2 300	3 080	3 230	3 180	3 220	3 080	2 440	1 880	1 870	2 810	1986
1987	2 000	1 880	2 000	2 000	2 410	2 190	1 800	1 570	1 570	1 880	1 570	1 570	1 840	1987
1988	1 780	1 800	1 780	1 780	1 880	1 820	1 880	1 880	1 810	1 810	1 880	2 270	1 830	1988
MEAN	1 940	1 880	1 880	1 910	2 110	2 210	2 320	2 380	2 380	2 340	2 280	2 080	2 180	MEAN

LOCATION - LAT 46 30 34 N
LONG 84 21 42 W

DRAINAGE AREA, 210 000 km²
REGULATED

DATA CONTRIBUTED BY -
INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

REMARKS - DAILY DISCHARGES NOT AVAILABLE

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	---	---	58 000 000	1955
1956	---	---	---	63 000 000	1956
1957	---	---	---	54 700 000	1957
1958	---	---	---	57 000 000	1958
1959	---	---	---	68 700 000	1959
1960	---	---	---	75 900 000	1960
1961	---	---	---	57 300 000	1961
1962	---	---	---	54 000 000	1962
1963	---	---	---	55 900 000	1963
1964	---	---	---	75 800 000	1964
1965	---	---	---	65 800 000	1965
1966	---	---	---	75 800 000	1966
1967	---	---	---	70 100 000	1967
1968	---	---	---	62 800 000	1968
1969	---	---	---	65 300 000	1969
1970	---	---	---	67 400 000	1970
1971	---	---	---	81 500 000	1971
1972	---	---	---	68 600 000	1972
1973	---	---	---	67 700 000	1973
1974	---	---	---	69 800 000	1974
1975	---	---	---	73 000 000	1975
1976	---	---	---	63 000 000	1976
1977	---	---	---	62 800 000	1977
1978	---	---	---	76 000 000	1978
1979	---	---	---	78 600 000	1979
1980	---	---	---	68 800 000	1980
1981	---	---	---	65 500 000	1981
1982	---	---	---	63 700 000	1982
1983	---	---	---	78 300 000	1983
1984	---	3 110 ON AUG 1	1 820 ON NOV 1	77 800 000	1984
1985	---	3 780 ON NOV 1 *	1 880 ON JUL 1	78 500 000	1985
1986	---	3 230 ON JUN 1	1 880 ON NOV 1	82 300 000	1986
1987	---	2 410 ON MAY 1	1 570 ON AUG 1 *	63 200 000	1987
1988	---	1 270 ON DEC 1	1 580 ON JUL 1	67 900 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		67 700 000	MEAN

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	3.20	2.75	2.70	6.92	50.5	28.5	17.2	7.93	5.78	26.0	39.5	15.4	16.3	1970
1971	5.30	5.35	4.21	19.6	55.5	24.1	9.85	6.39	3.86	23.8	32.7	15.0	16.3	1971
1972	7.75	4.94	4.08	6.75	55.7	19.7	11.0	12.1	17.6	22.1	12.4	6.34	15.1	1972
1973	4.33	4.07	5.32	25.4	40.5	25.3	15.1	6.48	5.20	14.0	13.5	13.2	15.1	1973
1974	5.54	4.55	3.78	7.63	49.5	37.5	20.7	13.9	13.5	17.5	15.1	9.46	16.5	1974
1975	7.72	5.43	4.28	7.50	53.4	38.5	18.4	5.86	3.57	6.05	22.0	15.3	15.7	1975
1976	5.48	4.34	3.97	40.9	55.4	23.2	17.0	5.94	3.29	2.36	1.89	2.23	14.0	1976
1977	2.37	2.24	4.10	32.2	36.3	11.1	16.5	7.76	32.7	25.4	21.7	10.5	15.5	1977
1978	5.67	3.80	2.71	3.23	26.2	28.7	12.3	5.29	3.70	4.97	3.38	2.76	8.92	1978
1979	2.38	2.21	2.41	14.0	86.1	25.7	10.0	4.22	5.45	11.5	23.8	9.75	14.5	1979
1980	5.01	4.04	2.68	12.7	50.5	13.4	6.05	4.72	15.4	18.7	17.5	7.73	13.4	1980
1981	4.33	3.36	3.76	12.2	22.7	23.2	13.4	4.03	2.05	2.41	3.11	3.03	8.14	1981
1982	2.78	2.35	1.82	4.13	74.7	23.6	18.2	8.82	6.26	27.8	26.6	24.5	18.9	1982
1983	5.76	5.85	5.83	5.76	52.7	26.3	12.1	4.13	2.79	25.9	23.1	12.6	15.8	1983
1984	5.03	7.25	5.86	24.9	49.2	47.5	23.9	11.2	5.37	8.15	18.3	19.5	18.6	1984
1985	10.1	5.13	3.80	12.2	33.1	23.8	13.1	26.6	17.4	30.9	34.7	12.6	18.9	1985
1986	6.47	4.42	3.73	24.3	43.5	13.5	13.7	6.66	8.26	11.9	17.6	10.4	14.0	1986
1987	5.58	3.33	2.68	14.1	13.2	10.6	6.62	6.19	6.32	10.2	11.9	9.80	8.35	1987
1988	5.38	3.34	3.90	18.9	42.4	19.4	9.76	13.1	21.5	29.2	33.4	11.3	17.6	1988
MEAN	5.90	4.18	3.75	15.5	46.5	25.1	13.9	8.85	9.71	15.6	19.7	11.2	15.2	MEAN

LOCATION - LAT 48 48 40 N DRAINAGE AREA, 1 180 km²
LONG 85 53 04 W NATURAL FLOW

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	76.7 AT 19:35 EST ON MAY 2	76.2 ON MAY 2	3.25 ON APR 14	578 000	1970
1971	82.3 AT 19:57 EST ON MAY 28	81.2 ON MAY 28	3.14 ON SEP 27	577 000	1971
1972	70.5 AT 14:10 EST ON MAY 8	70.2 ON MAY 7	3.998 ON MAR 17	477 000	1972
1973	80.0 AT 15:28 EST ON APR 24	69.7 ON APR 24	3.818 ON JAN 25	475 000	1973
1974	96.6 AT 22:17 EST ON MAY 15	58.3 ON MAY 15	3.548 ON APR 2	530 000	1974
1975	---	76.7E ON MAY 12	2.82 ON OCT 8	488 000	1975
1976	---	87.7E ON APR 25	1.708 ON DEC 2	443 000	1976
1977	78.8 AT 16:00 EST ON APR 25	78.7 ON APR 25	2.178 ON MAR 4	534 000	1977
1978	38.6 AT 13:48 EST ON JUN 4	38.4 ON JUN 4	2.42E ON APR 15	281 000	1978
1979	96.6 AT 15:45 EST ON MAY 13	86.0 ON MAY 13	2.088 ON MAR 12	488 000	1979
1980	83.2 AT 17:34 EST ON MAY 4	82.9 ON MAY 5	2.418 ON MAR 23	424 000	1980
1981	30.6 AT 23:52 EST ON JUN 28	28.2 ON JUN 29	1.83 ON OCT 3 *	257 000	1981
1982	108 AT 10:05 EST ON MAY 11 *	108 ON MAY 11 *	1.788 ON MAR 22	595 000	1982
1983	85.9 AT 10:05 EST ON MAY 17	85.7 ON MAY 17	2.26 ON SEP 8	497 000	1983
1984	72.3 AT 13:02 EST ON JUN 13	71.5 ON JUN 13	4.04 ON OCT 10	595 000	1984
1985	85.5 AT 04:26 EST ON NOV 5	85.7 ON NOV 5	3.37 ON APR 13	595 000	1985
1986	89.9 AT 11:34 EST ON APR 30	87.9 ON APR 30	3.868 ON MAR 22	442 000	1986
1987	24.4 AT 20:00 EST ON APR 23	24.1 ON APR 23	2.478 ON MAR 15	283 000	1987
1988	---	85.6 ON NOV 19	2.778 ON MAR 22	556 000	1988
				478 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.888	1.25	2.83	1.38	0.508	0.041	0.178	0.053	0.117	0.135	0.281	0.488	0.742	1976
1977	0.398	0.438	5.83	2.37	0.293	0.108	0.070	0.013	0.048	0.182	0.607	2.82	1.11	1977
1978	0.774	0.334	1.00	4.24	0.784	0.178	0.037	0.014	0.148	0.672	0.788	1.37	0.881	1978
1979	1.07	0.891	5.23	2.86	0.709	0.215	0.084	0.074	0.085	0.081	0.388	1.84	1.12	1979
1980	0.833	0.213	2.37	2.36	0.484	0.485	0.335	0.167	0.188	0.388	0.281	1.08	0.788	1980
1981	0.512	5.21	2.08	1.48	0.841	0.310	0.200	0.230	0.488	0.347	0.718	0.834	1.12	1981
1982	1.12	0.281	3.82	4.08	0.320	0.137	0.083	0.078	0.173	0.273	1.03	1.77	1.11	1982
1983	1.43	1.45	1.84	2.21	3.41	0.812	0.134	0.028	0.181	0.685	1.18	1.78	1.28	1983
1984	0.788	2.50	2.80	2.27	0.504	0.340	0.140	0.267	1.72	0.818	2.44	2.88	1.42	1984
1985	1.20	2.70	5.24	4.87	0.551	0.306	0.085	0.048	0.306	0.820	2.43	1.28	1.84	1985
1986	1.02	0.435	4.78	1.88	0.718	0.403	0.092	0.034	0.086	0.480	0.373	1.26	0.952	1986
1987	0.881	0.361	2.88	1.17	0.213	0.238	0.043	0.113	0.083	1.44	2.15	2.85	0.870	1987
1988	1.48	1.72	2.80	2.32	0.345	0.085	0.027	0.038	0.053	1.03	2.82	1.99	1.23	1988
MEAN	0.813	1.37	3.41	2.61	0.762	0.283	0.111	0.088	0.272	0.567	1.18	1.85	1.10	MEAN

LOCATION - LAT 48 02 10 N DRAINAGE AREA, 50.5 km²
LONG 81 20 10 W NATURAL FLOW

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	15.8 AT 19:30 EST ON MAR 28	14.7 ON MAR 28	0.008 ON JUN 27	23 500	1976
1977	---	22.7 B ON MAR 14 *	0.007 ON JUL 28	34 800	1977
1978	10.7 AT 07:15 EST ON APR 11	8.03 ON APR 11	0.008 ON AUG 21	25 800	1978
1979	13.3 AT 10:23 EST ON APR 14	12.0 ON APR 14	0.002 ON SEP 30 *	35 200	1979
1980	---	---	---	---	---
1981	---	10.7 B ON MAR 21	0.078 ON SEP 21	24 200	1980
1982	---	15.0 B ON FEB 19	0.078 ON AUG 2	35 200	1981
1983	15.6 AT 00:51 EST ON MAY 8	19.0 B ON MAR 31	0.037 ON SEP 15	35 000	1982
1984	16.4 AT 07:00 EST ON SEP 13	12.8 ON MAY 8	0.004 ON SEP 14	39 800	1983
1985	18.8 AT 22:30 EST ON APR 5 *	11.3 ON DEC 29	0.078 ON JUL 31	44 800	1984
1986	13.9 AT 17:25 EST ON MAR 25	17.3 ON APR 6	0.022 ON AUG 17	51 800	1985
1987	8.37 AT 11:27 EST ON NOV 3	11.5 ON MAR 26	0.015 ON SEP 8	30 000	1986
1988	---	7.488 ON MAR 8	0.005 ON AUG 1	20 800	1987
		9.26 ON APR 3	0.003 ON SEP 18	38 700	1988
				34 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.321	0.342	0.108	0.132	0.112	0.083	0.080	0.142	0.088	---	1974
1975	0.123	0.182	0.278	0.287	0.111	0.087	0.080	0.087	0.071	0.078	0.086	0.114	0.127	1975
1976	0.102	0.183	0.383	0.168	0.182	0.088	0.185	0.115	0.082	0.121	0.108	0.080	0.148	1976
1977	0.076	0.083	0.328	0.188	0.084	0.058	0.105	0.110	0.184	0.226	0.232	0.260	0.162	1977
1978	0.147	0.137	0.228	0.818	0.272	0.088	0.078	0.110	0.138	0.137	0.138	0.128	0.188	1978
1979	0.114	0.082	0.488	0.294	0.158	0.081	0.080	0.078	0.088	0.140	0.198	0.240	0.172	1979
1980	0.158	0.083	0.341	0.407	0.132	0.087	0.128	0.084	0.100	0.135	0.137	0.183	0.164	1980
1981	0.089	0.535	0.138	0.128	0.136	0.083	0.081	0.135	0.141	0.217	0.226	0.117	0.187	1981
1982	0.111	0.106	0.378	0.420	---	---	---	---	---	---	---	---	---	1982
MEAN	0.116	0.173	0.323	0.310	0.173	0.088	0.104	0.102	0.112	0.143	0.168	0.156	0.181	MEAN

LOCATION - LAT 43 57 19 N LONG 78 13 57 W DRAINAGE AREA, 15.3 km^2 REGULATED

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1.87 AT 03:21 EST ON FEB 25	1.28 ON APR 19	0.037 ON AUG 16 *	3 880	1975
1976	2.38 AT 15:19 EST ON JUL 29	1.53E ON MAR 21	0.057 ON SEP 8	4 700	1976
1977	---	1.23E ON MAR 13	0.040 ON JUN 23	5 110	1977
1978	2.46 AT 13:53 EST ON MAY 14	2.02 ON APR 7	0.058 ON JUN 30	5 880	1978
1979	1.89 AT 20:47 EST ON OCT 20	1.28 ON DEC 26	0.055 ON AUG 16	5 430	1979
1980	3.26 AT 15:48 EST ON MAR 21	2.41 ON MAR 21	0.041 ON MAY 30	5 200	1980
1981	2.88 AT 14:48 EST ON FEB 20	2.30 ON FEB 20	0.057 ON JUL 23	5 280	1981
1982	3.88 AT 15:19 EST ON MAR 31 *	2.87 ON MAR 31 *	---	---	1982
				5 080	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	0.045	0.001	0.001	0.003	0.018	0.023	0.078	---	1971
1972	0.084	0.087	0.284	0.232	0.078	0.025	0.081	0.080	0.083	0.104	0.312	0.314	0.137	1972
1973	0.182	0.134	0.588	0.202	0.110	0.280	0.077	0.084	0.028	0.038	0.124	0.172	0.188	1973
1974	0.347	0.242	0.428	0.183	0.178	0.042	0.018	0.020	0.023	0.048	0.088	0.208	0.181	1974
1975	0.333	0.348	0.281	0.108	0.070	0.080	0.018	0.218	0.188	0.083	0.085	0.184	0.188	1975
1976	0.190	1.08	0.801	0.148	0.081	0.057	0.048	0.018	0.037	0.044	0.045	0.028	0.185	1976
1977	0.013	0.071	0.872	0.481	0.101	0.071	0.037	0.045	0.138	0.088	0.131	0.388	0.177	1977
1978	0.080	0.021	0.836	0.388	0.132	0.084	0.043	0.038	0.053	0.088	0.085	0.132	0.148	1978
1979	0.108	0.102	0.381	0.878	0.288	0.077	0.078	0.038	0.038	0.088	0.185	0.328	0.214	1979
1980	0.108	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	0.211	0.110	1.71	0.284	0.088	0.080	0.084	0.088	0.128	0.088	0.582	0.828	0.334	1982
1983	0.108	0.173	0.118	0.238	0.281	0.183	0.178	0.078	0.088	0.081	0.287	0.407	0.182	1983
1984	0.088	0.272	0.388	0.178	0.288	0.080	0.017	0.048	0.074	0.044	0.110	0.181	0.144	1984
1985	0.281	0.471	0.800	0.211	0.082	0.088	0.032	0.073	0.088	0.111	0.488	0.188	0.208	1985
1986	0.128	0.287	0.387	0.148	0.088	0.382	0.071	0.084	0.332	0.328	0.182	0.388	0.232	1986
1987	0.181	0.108	0.183	0.187	0.088	0.104	0.080	0.213	0.111	0.083	0.184	0.310	0.147	1987
1988	0.073	0.084	0.178	0.117	0.038	0.042	0.018	0.034	0.083	0.081	0.138	0.080	0.078	1988
MEAN	0.184	0.238	0.473	0.288	0.128	0.104	0.082	0.087	0.088	0.083	0.188	0.244	0.177	MEAN

LOCATION - LAT 42 02 44 N LONG 82 34 28 W DRAINAGE AREA, 14.2 km^2 NATURAL FLOW

REMARKS - GAUGE INOPERATIVE FROM FEB 12 1980 TO DEC 31 1981

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	3.09A AT 07:30 EST ON MAR 14	1.77 A ON MAR 14	0.008A ON JUN 6	4 340	1972
1973	9.13 AT 00:42 EST ON JUN 13	2.83 ON MAR 11	0.015 ON JUL 17	5 240	1973
1974	7.87 AT 01:22 EST ON MAR 5	3.34 ON MAR 5	0.007 ON AUG 7	4 780	1974
1975	---	4.25 E ON AUG 30	0.005 ON JUL 11	4 820	1975
1976	---	7.08 B ON FEB 11	0.004 ON SEP 5	5 880	1976
1977	---	8.37 E ON MAR 5	0.012B ON JAN 20	5 690	1977
1978	---	10.7 ON MAR 21	0.008B ON MAR 5	4 720	1978
1979	15.0 AT 01:18 EST ON APR 14	5.66 ON APR 14	0.010 ON JUL 21	5 780	1979
1980	---	---	---	---	1980
1982	37.4 AT 08:42 EST ON MAR 13 *	18.9 ON MAR 13 *	0.010 ON JUL 25	10 500	1982
1983	14.8 AT 17:36 EST ON JUL 4	2.80 ON DEC 6	0.010 ON JUN 25	5 730	1983
1984	14.0 AT 00:56 EST ON MAY 28	3.05 ON MAR 21	0.002 ON JUL 15	4 540	1984
1985	9.20 AT 10:28 EST ON MAR 31	4.85 ON JAN 1	0.002 ON AUG 3	5 480	1985
1986	6.85 AT 17:58 EST ON JUN 11	3.15 ON JUN 11	0.024 ON AUG 5	7 300	1986
1987	5.54 AT 01:14 EST ON AUG 27	2.05 ON AUG 27	0.008 ON JUN 17	4 630	1987
1988	---	0.475 ON MAR 28	0 ON JUL 15 *	2 380	1988
				5 680	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	70.0	66.0	72.4	---	1921
1922	45.0	56.0	87.0	348	268	72.2	76.2	83.3	38.4	52.9	61.4	42.4	100	1922
1923	43.7	40.3	32.6	107	218	118	74.3	66.8	77.6	59.0	51.3	50.7	78.0	1923
1924	56.4	63.4	56.3	123	184	74.2	84.7	46.3	41.6	44.2	66.1	66.8	70.6	1924
1925	44.8	53.2	76.3	178	100	87.0	76.2	80.6	66.3	46.6	47.3	46.0	73.4	1925
1926	43.1	50.6	41.8	66.4	186	118	112	72.0	54.6	44.3	69.0	43.3	76.1	1926
1927	49.9	50.6	81.4	108	127	118	83.9	47.2	42.6	46.6	62.9	53.6	72.6	1927
1928	49.4	61.6	76.6	248	413	162	176	61.6	122	204	157	86.7	163	1928
1929	61.6	60.0	61.8	218	261	126	86.0	60.6	48.1	61.0	46.6	34.4	92.4	1929
1930	37.3	40.9	67.6	76.6	148	183	276	69.6	48.3	41.6	34.9	26.1	69.7	1930
1931	16.7	33.9	43.3	124	146	74.3	39.0	33.2	18.4	26.9	66.6	61.2	61.4	1931
1932	76.6	62.3	71.6	162	136	62.6	30.3	33.4	37.3	66.1	197	116	61.4	1932
1933	60.6	69.0	74.7	209	184	77.1	34.2	22.7	13.6	24.0	41.6	27.6	71.6	1933
1934	23.6	36.3	62.3	136	236	100	61.6	19.2	63.9	70.7	109	121	64.6	1934
1935	66.2	66.2	64.3	104	104	69.3	63.1	36.6	13.9	26.4	64.6	60.3	66.2	1935
1936	36.2	33.4	62.6	162	266	136	36.6	17.4	17.6	23.7	32.4	36.2	72.1	1936
1937	66.4	71.0	101	193	176	72.6	46.4	30.1	64.4	66.6	116	62.3	60.4	1937
1936	36.7	47.2	116	290	174	61.0	47.4	44.2	44.1	46.0	44.4	42.6	64.7	1936
1939	47.9	66.0	66.0	111	217	170	62.6	46.6	46.7	46.1	47.3	61.0	61.3	1939
1940	46.1	44.6	46.6	61.0	126	146	62.3	66.4	66.0	66.1	66.6	60.7	76.2	1940
1941	66.3	76.6	70.6	221	122	77.6	67.0	67.1	62.4	60.1	161	66.7	102	1941
1942	72.1	63.6	66.6	166	136	66.6	43.1	34.1	26.2	26.6	62.0	36.2	71.2	1942
1943	47.4	66.0	71.6	142	221	166	70.6	63.7	73.6	46.4	64.6	62.3	67.2	1943
1944	66.4	60.6	66.0	102	146	62.3	36.2	31.7	34.4	37.2	31.3	40.6	66.7	1944
1946	46.6	62.6	122	111	116	167	60.4	60.2	46.2	64.2	141	61.2	67.4	1946
1946	60.6	73.6	166	112	124	103	64.2	46.0	42.3	36.2	66.3	66.6	76.6	1946
1947	66.6	66.6	76.6	206	366	363	134	63.3	64.0	47.2	46.7	62.6	127	1947
1946	66.6	62.2	61.6	190	134	76.6	66.4	60.3	36.7	37.6	70.6	66.6	66.6	1946
1949	76.6	76.3	64.3	213	160	127	100	47.7	46.2	62.1	36.6	36.2	67.7	1949
1960	63.6	64.0	67.1	136	166	77.6	63.2	64.6	61.7	36.0	62.7	61.6	71.4	1960
1961	66.7	66.7	66.3	367	146	76.4	61.3	66.6	62.7	177	162	161	121	1961
1962	62.4	67.4	60.7	161	126	106	71.6	67.6	63.3	61.3	60.6	67.6	60.6	1962
1963	76.4	66.6	162	266	121	76.7	66.7	66.6	66.0	36.0	24.6	24.0	66.6	1963
1964	26.6	36.0	60.6	164	163	240	61.7	63.6	63.1	206	162	110	117	1964
1966	60.3	61.0	63.4	166	72.3	63.6	62.1	24.6	32.0	63.6	121	63.2	72.7	1966
1966	70.6	66.3	74.6	107	161	136	72.6	60.6	66.2	101	63.2	74.6	60.6	1966
1967	66.6	73.3	62.7	166	116	62.6	233	66.7	67.6	60.0	164	120	106	1967
1966	62.6	66.1	66.6	63.6	76.3	62.1	60.0	26.2	36.2	64.4	46.6	64.4	63.0	1966
1969	66.4	67.6	67.2	164	216	67.3	66.1	62.4	63.1	60.0	134	102	62.2	1969
1960	76.6	66.6	62.1	206	426	162	173	76.2	66.6	66.3	116	62.6	136	1960
1961	74.1	66.6	66.2	64.6	137	66.3	61.3	63.6	72.6	64.7	74.4	76.6	77.6	1961
1962	77.6	76.0	76.6	166	162	60.1	64.3	23.6	27.2	26.6	20.0	22.3	66.6	1962
1963	30.6	31.1	61.4	162	110	67.6	36.6	26.4	33.0	40.3	40.4	36.3	64.2	1963
1964	64.6	67.7	66.2	161	123	64.2	62.7	61.6	34.3	64.6	62.6	66.1	64.6	1964
1966	61.6	63.0	61.4	103	164	61.1	36.3	66.6	166	163	126	106	102	1966
1966	102	66.1	101	163	111	66.3	67.3	47.1	46.3	61.6	110	166	67.6	1966
1967	66.2	67.2	64.0	266	266	160	64.3	66.0	47.6	66.6	116	63.0	112	1967
1966	60.4	66.6	60.6	126	66.2	76.3	60.6	61.6	61.6	66.1	67.7	66.6	76.2	1966
1969	67.2	63.4	66.6	161	163	106	67.6	64.4	61.4	66.7	166	67.3	60.6	1969
1970	76.6	60.3	67.4	126	220	266	166	70.6	66.1	76.3	66.6	76.6	114	1970
1971	72.6	70.4	76.1	166	176	66.6	31.6	37.1	21.7	16.7	26.2	64.1	70.2	1971
1972	66.7	66.6	60.2	163	316	60.6	66.1	120	107	76.6	73.2	67.4	106	1972
1973	74.6	66.6	127	161	166	116	67.2	62.0	47.6	63.6	70.3	66.4	61.0	1973
1974	61.6	62.3	67.2	166	177	116	72.7	62.0	43.6	66.6	164	76.1	62.6	1974
1976	73.4	76.1	66.1	133	163	76.4	32.6	11.1	10.1	31.0	37.6	76.0	70.2	1976
1976	70.7	76.7	76.6	234	216	76.7	37.2	31.6	26.2	41.6	30.1	27.6	76.0	1976
1977	36.2	60.1	76.2	223	67.6	33.6	32.1	26.6	64.6	76.2	116	66.2	76.0	1977
1976	66.1	77.6	61.6	66.6	160	67.1	34.1	66.1	166	77.7	77.6	62.6	62.6	1976
1979	66.1	66.6	66.6	346	406	122	70.3	66.2	62.7	66.4	66.7	111	131	1979
1960	66.6	76.6	66.6	224	196	66.4	40.3	36.6	61.0	66.3	76.6	61.7	60.0	1960
1961	66.2	64.6	102	331	102	61.6	60.6	33.2	63.1	76.4	66.3	76.6	66.6	1961
1962	66.7	66.4	64.0	164	116	62.3	17.6	10.1	36.6	66.6	106	136	77.7	1962
1963	101	76.1	66.4	132	247	164	60.1	30.7	26.3	66.6	66.6	61.6	66.2	1963
1964	67.6	73.6	61.7	166	67.1	160	116	63.6	66.6	66.4	106	67.6	64.2	1964
1966	61.1	61.6	62.0	260	233	66.1	60.7	46.6	36.3	31.4	66.6	61.4	67.6	1966
1966	66.6	66.3	66.1	167	130	77.1	36.6	32.6	46.1	66.4	66.0	61.2	70.7	1966
1967	61.4	61.1	66.6	101	66.7	63.6	23.4	17.6	16.1	16.0	24.2	66.0	63.6	1967
1966	63.7	66.2	71.6	264	171	66.6	26.6	36.4	62.4	103	147	102	66.1	1966
MEAN	62.2	64.7	76.6	170	177	106	70.2	47.6	46.6	64.1	76.6	70.3	66.6	MEAN

LOCATION - LAT 46 27 00 N
LONG 76 61 47 W

DRAINAGE AREA, 6 660 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	661 ON APR 19	20.2 ON JAN 28	3 150 000	1922
1923	---	473 ON APR 30	0.850 ON SEP 3	2 460 000	1923
1924	---	294 ON MAY 1	5.68 ON JAN 8	2 230 000	1924
1925	---	212 ON APR 27	21.1 ON MAR 1	2 320 000	1925
1926	---	294 ON MAY 23	14.2 ON NOV 7	2 370 000	1926
1927	---	243 ON APR 22	18.7 ON OCT 23	2 280 000	1927
1928	---	558 ON MAY 13	32.6 ON JAN 28	4 850 000	1928
1929	---	348 ON MAY 4	19.3 ON DEC 15	2 810 000	1929
1930	---	405 ON JUN 28	13.8 ON DEC 17	2 830 000	1930
1931	---	219 ON APR 23	0.311 ON AUG 29	1 830 000	1931
1932	---	234 ON NOV 12	16.1 ON AUG 16	2 880 000	1932
1933	---	294 ON APR 16	1.70 ON SEP 24	2 250 000	1933
1934	---	337 ON MAY 3	13.8 ON AUG 21	2 870 000	1934
1935	---	177 ON MAY 1	8.37 ON OCT 2	1 830 000	1935
1936	---	357 ON MAY 5	3.54 ON SEP 10	2 280 000	1936
1937	---	306 ON MAY 1	5.55 ON SEP 8	2 850 000	1937
1938	---	360 ON APR 1	20.1 ON NOV 27	3 670 000	1938
1939	---	294 ON MAY 11	35.7 ON SEP 26	2 570 000	1939
1940	---	232 ON MAY 30	23.6 ON MAR 31	2 380 000	1940
1941	---	386 ON APR 22	36.2 ON AUG 31	3 220 000	1941
1942	---	262 ON APR 19	17.7 ON OCT 18	2 240 000	1942
1943	---	348 ON MAY 8	30.0 ON DEC 12	2 750 000	1943
1944	---	234 ON APR 27	19.4 ON AUG 27	1 880 000	1944
1945	---	385 ON JUN 6	37.4 ON JUL 22	2 780 000	1945
1946	---	239 ON MAR 28	27.5 ON SEP 22	2 470 000	1946
1947	---	498 ON JUN 18	34.0 ON OCT 5	4 010 000	1947
1948	---	386 ON APR 22	19.3 ON SEP 8	2 210 000	1948
1949	---	288 ON APR 15	24.2 ON DEC 15	2 770 000	1949
1950	---	279 ON MAY 11	24.8 ON OCT 15	2 250 000	1950
1951	---	536 ON APR 14	29.7 ON SEP 18	3 800 000	1951
1952	---	331 ON APR 25	27.1 ON AUG 31	2 870 000	1952
1953	---	662 ON MAR 29	8.24 ON NOV 22	2 800 000	1953
1954	---	378 ON OCT 17	9.84 ON JAN 1	3 700 000	1954
1955	---	280 ON APR 16	4.80 ON AUG 28	2 280 000	1955
1956	---	250 ON MAY 17	14.2 ON SEP 3	2 870 000	1956
1957	---	459 ON JUL 6	33.4 ON SEP 28	3 420 000	1957
1958	---	135 ON JAN 2	0.708 ON SEP 1	1 890 000	1958
1959	---	306 ON MAY 8	15.6 ON AUG 30	2 810 000	1959
1960	---	620 ON MAY 13	41.1 ON SEP 4	4 280 000	1960
1961	---	189 ON APR 18	28.1 ON AUG 27	3 460 000	1961
1962	---	337 ON MAY 4	8.85 ON NOV 24	2 100 000	1962
1963	---	186 ON APR 18	19.6 ON SEP 24	1 710 000	1963
1964	---	263 ON APR 15	16.0 ON AUG 2	2 080 000	1964
1965	---	371 ON SEP 25	14.2 ON JUL 1	3 220 000	1965
1966	---	311 ON DEC 1	23.2 ON AUG 28	3 080 000	1966
1967	---	418 ON MAY 4	18.3 ON OCT 8	3 520 000	1967
1968	---	187 ON APR 1	24.1 ON NOV 3	2 340 000	1968
1969	---	271 ON APR 17	25.7 ON SEP 21	2 870 000	1969
1970	---	832 ON JUN 5	41.1 ON AUG 30	3 580 000	1970
1971	---	311 ON APR 21	0 ON OCT 3 *	2 210 000	1971
1972	---	510 ON MAY 5	45.8 ON JUL 15	3 320 000	1972
1973	---	374 ON MAY 10	28.2 ON SEP 23	2 870 000	1973
1974	---	294 ON MAY 2	21.8 ON SEP 2	2 820 000	1974
1975	---	357 ON MAY 7	7.14 ON SEP 5	2 210 000	1975
1976	---	340 ON APR 24	11.2 ON SEP 5	2 500 000	1976
1977	---	391 ON APR 25	6.31 ON AUG 21	2 380 000	1977
1978	---	277 ON MAY 15	26.0 ON AUG 18	2 610 000	1978
1979	---	848 ON MAY 1 *	41.5 ON AUG 27	4 140 000	1979
1980	---	340 ON APR 10	20.4 ON AUG 31	2 840 000	1980
1981	---	441 ON APR 10	17.6 ON AUG 23	3 000 000	1981
1982	---	301 ON APR 27	0 ON AUG 1	2 450 000	1982
1983	---	349 ON MAY 8	14.3 ON SEP 11	2 810 000	1983
1984	---	261 ON APR 19	36.4 ON OCT 7	2 980 000	1984
1985	---	580 ON APR 28	13.4 ON SEP 2	2 770 000	1985
1986	---	218 ON APR 10	19.8 ON SEP 10	2 230 000	1986
1987	---	145 ON APR 7	11.3 ON OCT 24	1 370 000	1987
1988	---	355 ON APR 18	21.6 ON AUG 5	2 870 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 730 000	MEAN

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	12.4	---	1981
1982	9.32	7.40	8.82	40.1	61.2	19.5	9.86	8.68	20.2	35.4	30.6	28.6	23.0	1982
1983	17.7	11.2	12.7	45.4	60.1	56.5	17.8	10.6	7.74	25.1	17.6	13.2	26.4	1983
1984	8.29	10.6	11.2	58.0	44.8	44.1	35.7	16.3	11.9	21.8	27.2	26.7	26.0	1984
1985	16.4	11.2	11.8	---	---	---	---	---	---	---	---	---	---	1985
MEAN	12.7	10.1	10.8	47.3	62.0	40.0	21.2	10.8	13.3	27.4	25.1	20.0	25.1	MEAN

LOCATION - LAT 48 56 13 N DRAINAGE AREA, 1 800 km^2
LONG 80 25 53 W NATURAL FLOW

REMARKS - STATION DISCONTINUED APR 25 1985. REPLACED BY 02DC012 "STURGEON RIVER AT UPPER GOOSE FALLS"

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	
1982	121 AT 15:35 EST ON APR 28	120 ON APR 28	4.56 ON AUG 22 *	---	1981
1983	133 AT 15:23 EST ON JUN 1 *	132 ON JUN 1 *	5.33 ON SEP 14	725 000	1982
1984	101 AT 13:56 EST ON APR 18	100 ON APR 18	7.208 ON FEB 7	834 000	1983
1985	---	---	---	822 000	1984
				178 000	1985
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		539 000	MEAN

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	19.4	17.3	15.2	14.8	---	1981
1982	13.8	12.9	12.0	12.3	40.8	82.8	40.1	43.1	47.7	29.7	22.1	24.5	30.2	1982
1983	21.8	17.5	14.8	19.8	33.2	80.2	52.0	43.8	27.9	17.4	12.8	13.4	28.0	1983
1984	14.2	15.7	14.3	22.0	122	70.3	89.3	59.0	126	82.0	51.1	34.3	57.8	1984
1985	26.5	21.3	19.8	19.5	54.5	82.9	52.5	35.1	25.9	49.5	51.4	39.5	38.4	1985
1986	32.1	26.8	21.7	24.2	112	133	76.0	42.1	24.1	15.3	14.8	14.8	44.8	1986
1987	14.4	14.2	14.0	24.8	71.2	81.9	51.6	44.1	28.4	17.1	15.5	15.1	32.8	1987
1988	14.8	14.4	13.9	24.2	98.4	155	93.0	79.8	62.2	58.9	57.0	36.7	58.2	1988
1989	28.4	26.1	22.5	30.9	73.2	114	71.0	75.7	56.6	60.8	44.7	36.5	54.5	1989
1970	27.8	22.6	20.1	18.7	80.1	83.9	48.4	36.3	81.7	70.5	70.4	45.9	48.2	1970
1971	37.2	30.1	23.8	34.6	77.1	81.6	51.5	30.3	25.0	71.3	134	67.1	55.3	1971
1972	42.6	31.0	25.4	21.6	83.7	44.4	32.5	26.2	18.1	23.4	26.8	22.1	31.6	1972
1973	18.2	15.8	15.9	21.2	44.8	37.9	51.6	47.3	42.7	47.8	40.4	31.3	34.7	1973
1974	24.7	21.1	19.1	23.0	129	180	80.4	26.5	33.7	37.9	35.0	29.6	50.0	1974
1975	25.4	23.5	20.5	25.9	81.2	80.5	38.6	25.6	18.2	16.8	21.9	18.0	31.8	1975
1976	15.4	13.8	13.3	44.3	88.0	37.5	30.3	15.7	8.31	6.66	4.89	4.78	21.6	1976
1977	4.83	5.04	6.46	12.0	29.0	34.7	35.4	24.3	31.8	33.8	23.1	22.4	22.0	1977
1978	19.5	17.1 R	14.4	15.2	73.8	116	51.5	43.0	35.5	29.0	20.1	17.2	36.8R	1978
1979	14.8	13.4	14.2	21.6	82.8	57.7	38.0	31.1	48.0	32.0	60.7	36.8	36.8	1979
1980	28.4	26.0	20.1	23.6	50.3	28.8	14.8	13.7	16.1	25.8	27.8	20.8	24.4	1980
1981	16.8	14.7	13.8	20.5	34.2	41.6	54.9	26.3	13.6	10.4	9.85	10.4	22.4	1981
1982	10.5	10.5	10.4	11.7	55.5	80.6	42.1	35.8	25.7	37.0	38.0	29.6	30.6	1982
1983	23.4	18.3	17.6	17.2	29.8	43.2	47.0	32.2	18.6	14.4	15.0	17.7	24.7	1983
1984	17.7	16.7	16.1	26.2	88.2	74.6	57.4	42.6	26.1	18.9	20.6	24.3	34.1	1984
1985	23.5	18.8	18.5	37.6	177	113	108	70.2	73.8	100	62.5	42.4	70.5	1985
1986	28.6	22.5	18.4	36.1	103	82.7	28.3	21.6	17.7	29.2	25.0	20.6	33.7	1986
1987	18.2	13.2	11.5	18.4	30.3	18.5	13.3	12.2	12.9	11.2	12.0	12.4	14.3	1987
1988	11.0	9.89	9.86	13.9	38.0	61.7	55.3	36.3	57.6	89.7	66.6	51.3	42.7	1988
MEAN	21.2	18.3 R	16.2	23.0	70.6	71.6	50.9	37.9	36.7	36.4	35.3	28.9	37.6R	MEAN

LOCATION - LAT 50 10 20 N DRAINAGE AREA, 4 450 km^2
LONG 91 32 30 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - FROM 1968-1981, STATION TITLED "MARCHINGTON RIVER AT MCDOUGALL MILLS"

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	
1982	---	81.0 ON JUN 2	11.5 ON MAR 23	853 000	1982
1983	---	70.5 ON JUN 29	12.1 ON NOV 8	861 000	1983
1984	---	188 ON SEP 7	13.3 ON JAN 1	1 830 000	1984
1985	---	73.3 ON JUN 12	17.7 ON APR 5	1 210 000	1985
1986	---	224 ON MAY 26 *	14.5 E ON DEC 21	1 410 000	1986
1987	---	101 E ON MAY 31	13.9 E ON MAR 27	1 030 000	1987
1988	188 AT 20:00 CST ON JUN 15	183 ON JUN 15	13.4 ON MAR 25	1 870 000	1988
1989	143 AT 14:30 CST ON JUN 10	142 ON JUN 10	19.3 ON APR 5	1 720 000	1989
1970	116 AT 10:00 CST ON JUN 2	115 ON JUN 2	18.8 ON APR 13	1 550 000	1970
1971	161 AT 19:28 CST ON NOV 6	159 ON NOV 6	21.6 ON APR 8	1 740 000	1971
1972	77.0 AT 08:42 CST ON MAY 22	75.0 ON MAY 21	15.9 ON SEP 21	897 000	1972
1973	58.0 AT 13:31 CST ON JUL 11	57.5 ON JUL 11	15.2 ON FEB 25	1 100 000	1973
1974	210 AT 19:30 CST ON MAY 27	208 ON MAY 27	17.7 ON APR 10	1 580 000	1974
1975	96.3 AT 11:58 CST ON MAY 18	94.6 ON MAY 18	15.5 ON OCT 22	1 000 000	1975
1976	96.0 AT 14:15 CST ON APR 26	94.6 ON APR 26	4.47E ON DEC 19 *	891 000	1976
1977	---	47.0E ON SEP 26	4.62 ON JAN 27	886 000	1977
1978	143 AT 08:04 CST ON JUN 10	141 ON JUN 7	13.3 ON MAR 30	1 220 000R	1978
1979	101 AT 16:51 CST ON MAY 19	99.5 ON MAY 20	12.7 ON FEB 8	1 180 000	1979
1980	58.0 AT 05:03 CST ON MAY 14	55.4 ON MAY 13	13.0 ON AUG 7	771 000	1980
1981	68.6 AT 20:42 CST ON JUL 8	68.4 ON JUL 8	8.88 ON NOV 1	705 000	1981
1982	79.4 AT 08:36 CST ON MAY 27	78.2 ON MAY 27	8.85 ON JAN 25	872 000	1982
1983	68.1 AT 12:23 CST ON JUL 8	64.6 ON JUL 8	13.7 ON OCT 9	778 000	1983
1984	80.7 AT 07:00 CST ON JUN 13	80.0 ON JUN 14	14.1 ON APR 3	1 080 000	1984
1985	223 AT 20:15 CST ON MAY 18 *	222 ON MAY 20	13.6 ON APR 13	2 220 000	1985
1986	116 AT 20:40 CST ON MAY 15	116 ON MAY 13	16.4 ON SEP 16	1 080 000	1986
1987	22.6 AT 14:40 CST ON MAY 1	22.1 ON MAY 1	10.6 ON OCT 16	451 000	1987
1988	131 AT 23:00 CST ON SEP 30	130 ON SEP 30	8.49 ON FEB 20	1 350 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		1 190 000R	MEAN

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	10.1	6.15	5.05	3.78	2.81	3.63	---	1960
1961	2.88	2.55	2.88	8.14	22.8	10.8	8.43	4.01	2.28	3.17	5.14	5.36	6.38	1961
1962	5.78	5.82	5.77	8.77	37.4	24.5	15.1	23.8	19.8	8.28	5.75	---	---	1962
1963	---	---	---	21.1	38.9	41.9	23.8	17.3	8.04	6.02	4.84	4.41	---	1963
1964	4.30	---	---	---	---	---	---	---	18.3	24.1	10.4	7.55	---	1964
1965	5.85	5.12	5.62	13.5	51.5	28.0	18.4	8.02	5.38	5.37	5.88	5.82	14.2	1965
1966	5.32	5.76	5.24	11.4	38.4	30.2	18.3	6.55	4.50	3.90	4.37	4.26	11.5	1966
1967	4.15	4.02	3.88	13.3	31.3	18.3	8.99	5.66	5.81	3.34	2.38	2.84	8.88	1967
1968	2.89	3.08	3.01	8.22	13.8	27.4	14.7	8.11	10.0	14.8	11.1	7.58	10.5	1968
1969	7.75	8.07	8.67	15.2	16.9	15.9	24.6	15.6	15.3	22.2	13.4	9.84	14.3	1969
1970	8.09	7.01	6.71	8.08	42.3	33.5	18.8	13.6	13.1	12.0	24.0	13.6	16.8	1970
1971	9.65	7.88	8.62	23.4	36.3	16.4	9.20	4.95	5.47	4.65	8.12	5.17	11.3	1971
1972	4.28	4.08	3.75	7.42	21.4	11.0	5.85	4.53	4.52	8.12	5.72	4.10	8.89	1972
1973	4.15	3.75	3.80	8.99	13.2	9.57	8.99	14.4	35.3	39.6	22.3	14.8	14.7	1973
1974	10.4	8.48	7.08	20.6	75.1	45.0	18.3	17.9	28.2	15.0	10.0	7.47	22.0	1974
1975	5.65	5.48	5.87	8.88	30.4	21.7	18.8	10.6	6.13	4.24	3.11	3.04	10.5	1975
1976	3.37	3.88	3.88	15.0	20.6	12.1	8.02	3.70	1.82	1.15	0.880	0.848	8.38	1976
1977	0.758	0.787	0.888	1.67	2.28	3.72	4.35	3.61	18.9	14.6	8.88	8.77	5.78	1977
1978	5.64	5.26	4.51	8.78	41.6	24.2	15.7	11.9	7.85	5.84	3.87	3.38	11.7	1978
1979	3.10	3.08	3.11	8.36	41.7	22.6	11.3	6.62	6.61	4.18	5.42	5.87	10.1	1979
1980	5.32	4.82	4.27	12.0	18.0	7.32	4.33	3.07	3.20	4.87	5.27	4.17	8.48	1980
1981	3.57	3.15	2.75	3.34	3.63	8.85	19.1	8.41	7.51	8.27	7.57	5.86	8.90	1981
1982	4.47	3.80	3.34	7.85	25.5	22.6	17.2	9.82	5.86	8.72	8.19	4.81	9.88	1982
983	4.10	3.71	3.67	5.09	11.4	14.9	11.4	5.72	2.78	2.02	1.56	1.44	5.86	1983
1984	1.38	1.43	1.45	5.08	8.43	17.6	12.3	5.64	2.85	2.82	7.01	6.87	8.14	1984
1985	5.78	4.48	3.78	8.45	21.8	11.4	8.20	15.7	22.8	17.1	13.2	9.24	11.9	1985
1986	7.32	8.18	8.77	21.8	38.4	14.7	8.41	6.11	4.85	10.1	7.84	8.48	11.6	1986
1987	4.83	4.04	4.18	13.7	10.8	8.84	3.52	3.38	2.24	1.61	1.20	1.18	4.70	1987
1988	1.13	1.02	1.12	4.28	7.08	4.34	3.78	3.58	2.87	2.45	3.12	3.84	3.22	1988
MEAN	5.04	4.58	4.20	10.8	28.7	18.6	12.4	8.01	8.48	8.05	7.38	5.81	8.84	MEAN

LOCATION - LAT 50 21 30 N DRAINAGE AREA, 1 530 km²
LONG 94 27 30 W NATURAL FLOW

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	26.8 AT 11:00 CST ON MAY 13	26.8 ON MAY 13	0.939 ON SEP 19	201 000	1961
1962	46.7 AT 16:30 CST ON MAY 24	46.4 ON MAY 24	---	---	1962
1963	---	48.7 ON JUN 14	---	---	1963
1964	---	---	---	---	1964
1965	72.2 AT 21:00 CST ON MAY 9 *	72.2 ON MAY 10	5.15 ON SEP 15	448 000	1965
1966	53.0 AT 01:00 CST ON MAY 25	52.7 ON MAY 24	3.72 E ON OCT 12	362 000	1966
1967	---	38.6 E ON MAY 1	2.18 ON NOV 28	280 000	1967
1968	32.8 A AT 13:00 CST ON JUN 15	32.3 A ON JUN 12	2.85 ON MAR 8	332 000	1968
1969	---	37.4 E ON JUL 1	5.75 ON APR 5	483 000	1969
1970	48.6 AT 13:00 CST ON MAY 8	47.3 ON MAY 17	8.08 ON APR 4	534 000	1970
1971	60.7 AT 18:34 CST ON MAY 5	60.4 ON MAY 5	3.70 ON OCT 28	357 000	1971
1972	34.7 AT 13:14 CST ON MAY 9	34.7 ON MAY 9	3.17 ON SEP 5	218 000	1972
1973	46.8 AT 20:18 CST ON OCT 15	46.3 ON OCT 15	3.45 ON MAR 5	486 000	1973
1974	---	83.3 E ON MAY 21 *	8.00 E ON APR 8	695 000	1974
1975	36.1 IN MAY	35.1 ON MAY 8	2.88 ON NOV 25	331 000	1975
1976	---	32.0 E ON APR 25	0.804E ON DEC 27	202 000	1976
1977	27.1 AT 08:48 CST ON SEP 21	27.0 ON SEP 19	0.738E ON JAN 28 *	183 000	1977
1978	49.6 AT 15:27 CST ON MAY 14	48.8 ON MAY 14	3.23 ON DEC 26	388 000	1978
1979	49.6 AT 04:06 CST ON MAY 4	48.8 ON MAY 4	2.87 ON JAN 23	320 000	1979
1980	31.6 AT 00:08 CST ON MAY 2	31.4 ON MAY 1	2.58 ON AUG 31	205 000	1980
1981	24.7 AT 00:35 CST ON JUL 8	24.6 ON JUL 7	2.69 ON MAR 23	216 000	1981
1982	26.2 AT 20:05 CST ON MAY 12	26.1 ON MAY 12	3.22 ON MAR 8	311 000	1982
1983	16.2 AT 11:55 CST ON JUN 16	16.2 ON JUN 16	1.40 ON NOV 16	178 000	1983
1984	21.6 AT 14:15 CST ON JUN 25	21.4 ON JUN 24	1.23 E ON JAN 23	184 000	1984
1985	30.1 AT 20:31 CST ON AUG 29	30.0 ON AUG 29	3.54 ON MAR 24	374 000	1985
1986	53.0 AT 03:40 CST ON MAY 5	52.4 ON MAY 5	4.08 ON SEP 14	386 000	1986
1987	19.2 AT 17:55 CST ON APR 26	18.1 ON APR 23	1.09 ON DEC 3	148 000	1987
1988	7.88 AT 14:14 CST ON MAY 2	7.54 ON MAY 2	0.983 ON FEB 11	102 000	1988
				314 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	103	238	93.7	60.2	53.9	51.3	58.8	78.8	48.0	---	1914
1915	19.8	18.4	17.8	83.4	145	108	65.1	51.3	60.8	61.2	58.4	78.8	68.8	1915
1916	47.8	56.4	63.6	258	289	138	87.6	45.6	29.5	51.3	77.1	91.3	100	1916
1917	68.1	46.3	46.8	154	265	308	152	84.0	68.5	56.0	60.8	46.7	103	1917
1918	43.4	40.4	42.0	140	190	91.6	62.6	53.9	68.5	58.1	121	73.6	88.3	1918
1919	81.7	86.7	77.0	218	289	200	78.3	61.1	65.3	121	132	112	128	1919
1920	85.8	81.6	108	198	184	102	---	---	---	---	---	---	---	1920
MEAN	53.7	51.1	58.6	188	232	133	88.0	60.0	60.5	77.6	88.5	74.8	88.8	MEAN

LOCATION - LAT 48 27 00 N DRAINAGE AREA, 6 880 km² DATA CONTRIBUTED BY -
LONG 78 52 00 W REGULATED ONTARIO HYDRO

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	328 ON MAY 1	---	---	1914
1915	---	183 ON MAY 11	15.38 ON MAR 15 *	2 110 000	1915
1916	---	450 ON MAY 2 *	24.8 ON SEP 12	3 180 000	1916
1917	---	340 ON MAY 4	38.8 ON NOV 23	3 280 000	1917
1918	---	254 ON MAY 11	37.9 ON MAR 15	2 780 000	1918
1919	---	365 ON MAY 25	45.3 ON MAR 10	3 970 000	1919
1920	---	300 ON MAY 1	---	---	1920
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 090 000	MEAN

STURGEON RIVER AT STURGEON BAY - STATION NO. 02ED018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.846	0.887	0.873	1.08	1.48	1.11	---	1988
MEAN	---	---	---	---	---	---	0.846	0.887	0.873	1.08	1.48	1.11	---	MEAN

LOCATION - LAT 44 43 48 N, LONG 79 43 11 W. DRAINAGE AREA, 103 km^2. NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	4.86	3.81	4.15	50.9	44.3	16.8	7.17	5.05	5.44	14.4	13.4	7.32	14.8	1986
1987	4.84	4.07	4.48	25.9	14.8	7.52	3.72	1.90	1.78	8.33	8.52	7.61	7.46	1987
1988	5.07	5.17	4.64	76.4	61.6	12.8	4.76	7.90	8.18	17.6	40.4	23.0	22.1	1988
MEAN	5.22	4.28	4.38	50.7	40.3	12.4	5.21	4.95	4.46	12.8	20.1	12.8	14.8	MEAN

LOCATION - LAT 46 58 13 N, LONG 80 27 27 W. DRAINAGE AREA, 1 200 km^2. NATURAL FLOW

REMARKS - STATION ACTIVATED SEP 12 1985 TO REPLACE 02DC011.

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	82.4 AT 13:43 EST ON APR 22 *	80.9 ON APR 22	2.808 ON MAR 8	467 000	1986
1987	37.2 AT 20:16 EST ON APR 15	35.6 ON APR 15	1.12 ON SEP 8 *	238 000	1987
1988	---	118 ON APR 15 *	2.86 ON AUG 3	698 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		467 000	MEAN

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	73.2	57.7	35.7	25.3	43.2	34.2	---	1920
1921	29.4	20.1	50.8	211	152	72.1	61.2	46.7	39.7	---	---	---	---	1921
MEAN	29.4	20.1	50.8	211	152	72.1	67.2	52.2	37.7	25.3	43.2	34.2	---	MEAN

LOCATION - LAT 46 27 00 N, LONG 79 52 00 W. DRAINAGE AREA, 8 880 km^2. REGULATED

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	314 ON APR 10 *	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	0	4.18	0.344	0.847	3.03	0.048	0	0	---	---	1.05	1952
1953	---	---	0.286	0.386	0.589	2.05	0.422	0.099	0.281	0.121	---	---	0.522	1953
1954	---	---	0	5.40	3.40	0.783	0.066	0	0.091	0.061	0.052	---	1.34	1954
1955	---	---	0	5.89	0.786	2.35	1.19	0.004	0.304	1.82	---	---	1.68	1955
1956	---	---	0	5.71	2.26	1.08	0.097	0.026	0.048	0.076	---	---	1.64	1956
1957	---	---	0.175	4.81	0.485	0.858	1.40	0.023	0.126	0.228	---	---	0.875	1957
1958	---	---	0.593	0.708	0.347	0.677	3.56	0.026	0	0.033	---	---	0.722	1958
1959	---	---	0.072	3.80	1.49	0.521	0.100	0.018	0.527	0.578	---	---	0.843	1959
1960	---	---	0	3.43	0.781	1.14	0.112	0.208	0.342	0.126	---	---	0.784	1960
1961	---	---	3.44	3.82	0.838	0.018	0.012	0.013	0.804	0.820	---	---	1.13	1961
1962	---	---	0.015	7.28	7.88	3.80	3.35	1.08	1.80	0.163	---	---	3.11	1962
1963	---	---	0.774	4.85	2.91	5.20	1.74	0.134	0.024	0.008	---	---	1.81	1963
1964	---	---	0	4.28	1.43	4.78	0.052	1.37	4.88	0.474	---	---	2.13	1964
1965	---	---	0	7.42	4.86	1.38	0.835	0.510	1.93	3.86	---	---	2.52	1965
1966	---	---	0.373	12.6	4.59	0.286	0.330	2.72	0.234	0.288	---	---	2.68	1966
1967	---	---	1.24	8.83	2.74	3.11	0.267	0.042	0.004	0.025	---	---	1.88	1967
1968	---	---	1.68	3.38	0.864	8.38	1.21	2.48	4.70	5.85	---	---	3.84	1968
1969	---	---	0	8.27	1.38	0.720	0.447	3.88	0.162	0.864	---	---	1.93	1969
1970	---	---	0	7.89	4.11	1.16	0.135	0.021	0.088	0.384	---	---	1.71	1970
1971	---	---	0	5.89	2.02	0.548	0.085	0.008	0.102	2.44	---	---	1.38	1971
1972	---	---	0.043	8.09	1.84	0.224	0.188	0.014	0.022	0.800	---	---	1.12	1972
1973	---	---	1.37	0.624	0.882	0.411	0.334	2.85	0.828	5.14	---	---	1.68	1973
1974	---	---	0	7.84	5.41	3.28	0.001	0.176	0.001	0.226	---	---	2.07	1974
1975	---	---	0	8.13	2.16	0.431	0.781	0	0	0.069	---	---	1.42	1975
1976	---	---	0.052	5.13	0.174	0.877	0.277	0.006	0	0	---	---	0.775	1976
1977	---	---	0.732	0.784	1.89	1.37	0.108	0	1.52	1.03	---	---	0.840	1977
1978	---	---	0	7.88	3.33	3.34	2.22	0.481	1.48	0.214	---	---	2.33	1978
1979	---	---	0.120	12.0	2.28	1.82	0.148	0.007	0.006	0.006	---	---	2.03	1979
1980	---	---	0	3.18	0.280	0	0	0.003	0.388	0.197	---	---	0.488	1980
1981	---	---	0.482	1.05	0.889	1.28	0.758	0.186	0.120	1.78	---	---	0.811	1981
1982	---	---	0	4.80	3.19	0.406	2.87	1.28	0.588	3.87	---	---	2.08	1982
1983	---	---	0.618	1.87	0.886	3.14	0.817	0.005	0.744	1.88	---	---	1.21	1983
1984	---	---	0.284	3.88	1.12	5.88	0.328	0.011	0	1.88	---	---	1.88	1984
1985	---	---	1.27	5.34	4.08	8.84	0.881	2.43	2.66	3.28	---	---	3.18	1985
1986	---	---	1.87	7.13	3.08	0.028	0.008	0	0.005	0.058	---	---	1.48	1986
MEAN	---	---	0.401	5.42	2.15	1.94	0.788	0.574	0.706	1.08	0.082	---	1.82	MEAN

LOCATION - LAT 48 41 15 N DRAINAGE AREA, 188 km²
LONG 83 59 00 W NATURAL FLOW

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1952	---	9.32 ON APR 14	0.0 ON MAR 1 *	22 300	1952
1953	---	5.87 ON JUN 23	0.0 ON MAR 1	11 100	1953
1954	---	20.0 ON APR 13	0.0 ON MAR 1	28 300	1954
1955	---	21.2 B ON APR 10	0.0 ON MAR 1	35 600	1955
1956	---	20.8 ON APR 14	0.0 ON MAR 1	34 700	1956
1957	---	21.8 ON APR 20	0.0 ON MAR 1	20 700	1957
1958	---	12.1 ON JUL 6	0.0 ON MAR 4	15 300	1958
1959	---	9.08 ON APR 5	0.0 ON MAR 1	17 800	1959
1960	---	13.1 ON APR 14	0.0 ON MAR 1	18 000	1960
1961	---	16.4 B ON MAR 26	0.0 ON MAR 1	23 800	1961
1962	---	23.7 ON MAY 23	0.0 ON MAR 1	58 800	1962
1963	---	16.3 ON JUN 2	0.0 ON MAR 1	40 800	1963
1964	---	20.8 ON SEP 8	0.0 ON MAR 1	46 000	1964
1965	---	22.1 ON APR 15	0.0 ON MAR 1	53 200	1965
1966	---	26.3 ON APR 17	0.0 ON MAR 1	58 700	1966
1967	---	29.7 B ON MAR 31	0.0 ON MAR 1	42 100	1967
1968	---	43.0 ON JUN 8	0.0 ON MAR 1	75 000	1968
1969	---	26.8 B ON APR 10	0 ON MAR 1	40 900	1969
1970	---	26.0 ON APR 25	0.0 ON MAR 1	38 200	1970
1971	---	24.0 B ON APR 12	0.0 ON MAR 1	28 600	1971
1972	---	30.4 ON APR 21	0.0 ON MAR 1	23 600	1972
1973	---	17.8 ON OCT 13	0.0 ON MAR 1	33 100	1973
1974	---	28.3 ON JUN 7	0.0 ON MAR 1	43 900	1974
1975	---	27.4 B ON APR 24	0.0 ON MAR 1	30 100	1975
1976	---	11.4 B ON APR 7	0.0 ON MAR 1	16 400	1976
1977	---	9.88 ON JUN 1	0.0 ON MAR 1	18 800	1977
1978	---	29.2 ON MAY 31	0.0 ON MAR 1	48 400	1978
1979	---	53.0 B ON APR 20 *	0.0 ON MAR 1	43 000	1979
1980	---	10.4 B ON APR 7	0.0 ON MAR 1	10 800	1980
1981	4.17 AT 05:00 CST ON OCT 3	3.84 ON OCT 3	0.0 ON MAR 1	17 200	1981
1982	18.1 AT 12:00 CST ON JUL 22	18.0 B ON APR 18	0.0 ON MAR 1	44 600	1982
1983	16.4 AT 17:03 CST ON JUN 23	12.7 ON JUN 23	0.0 ON MAR 1	25 800	1983
1984	---	33.0 A ON JUN 8	0.0 ON MAR 1	32 700	1984
1985	83.8 AT 22:58 CST ON JUN 24 *	44.8 ON JUN 23	0.0 ON MAR 1	85 700	1985
1986	---	26.6 B ON MAR 31	0 ON JUN 28	31 400	1986
				34 200	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	43.3	---	1941
1942	30.8	21.4	19.3	90.0	83.0	48.9	23.5	14.7	13.4	13.8	21.1	15.9	32.9	1942
1943	12.9	14.9	16.5	51.8	120	101	47.0	25.9	36.0	19.7	25.5	15.8	41.5	1943
1944	12.4	11.7	15.4	41.7	97.8	48.6	23.8	16.1	13.7	16.1	17.2	12.9	27.3	1944
1945	8.05	8.38	21.8	73.8	71.7	103	33.6	20.8	22.8	26.8	53.7	28.9	40.4	1945
1946	26.9	23.2	50.4	70.2	88.2	81.6	28.1	24.8	19.4	16.3	25.0	35.1	38.8	1946
1947	21.1	17.7	17.3	76.6	182	172	59.6	35.9	22.7	13.8	10.8	10.7	61.8	1947
1948	10.1	16.5	13.0	85.2	70.8	44.2	32.1	23.0	12.8	15.2	34.9	30.7	32.3	1948
1949	33.7	30.8	29.4	102	83.8	84.3	49.3	20.3	20.3	12.1	11.8	11.3	39.0	1949
1950	18.3	23.5	23.0	50.2	114	47.8	33.7	25.1	15.6	9.94	17.6	19.7	33.3	1950
1951	10.4	16.1	14.6	185	84.9	40.8	49.3	25.8	27.2	73.9	73.8	62.8	62.9	1951
1952	31.4	25.1	24.6	87.8	76.8	50.4	35.7	33.9	23.3	16.8	22.4	38.5	38.5	1952
1953	25.5	31.4	63.4	144	73.0	37.1	28.3	13.4	18.7	12.5	8.80	18.4	38.1	1953
1954	10.9	13.8	41.3	82.9	97.4	102	61.3	24.3	24.9	101	97.8	48.8	58.3	1954
1955	29.8	24.8	22.1	80.5	43.8	27.5	12.0	13.8	14.9	32.8	47.8	25.1	31.1	1955
1956	18.5	24.0	22.3	53.0	100	66.4	38.5	28.1	37.7	48.7	35.7	32.8	42.4	1956
1957	24.2	33.3	28.2	77.6	84.1	42.4	111	23.6	30.0	20.6	66.4	49.4	47.8	1957
1958	36.7	25.8	22.8	52.3	36.4	31.0	24.3	13.9	13.4	28.6	31.1	27.0	28.4	1958
1959	20.6	18.0	17.8	88.7	126	43.7	26.0	18.9	22.4	36.1	60.0	42.2	41.3	1959
1960	28.5	27.0	24.3	84.1	254	78.4	84.3	28.9	25.0	28.3	41.5	31.0	80.6	1960
1961	22.1	18.7	16.0	42.2	72.0	66.3	41.2	27.3	35.9	38.6	32.2	38.6	37.0	1961
1962	35.3	26.0	23.9	86.6	---	---	---	---	---	---	---	---	---	1962
1978	---	---	---	---	---	---	---	---	---	---	---	58.4	---	1978
1980	36.0	21.7	16.0	118	113	40.1	20.2	18.1	19.1	46.8	34.0	17.5	42.0	1980
1981	15.2	17.5	25.1	172	82.2	44.6	33.8	18.6	22.3	33.5	29.6	22.8	41.3	1981
1982	17.5	12.8	12.3	97.1	86.2	31.3	14.3	9.26	28.5	60.4	46.2	48.7	36.6	1982
1983	38.3	22.4	30.7	78.7	123	82.5	27.3	16.8	14.2	33.2	23.7	22.2	43.8	1983
1984	18.3	18.8	21.7	86.4	81.8	81.4	57.0	28.4	27.1	36.1	42.8	38.0	43.0	1984
1985	27.5	19.4	23.5	118	138	43.7	32.0	24.3	14.5	15.3	28.5	22.1	42.0	1985
1986	16.0	12.6	13.8	84.1	80.4	42.7	19.7	15.3	23.5	34.8	33.5	21.8	34.0	1986
1987	16.2	14.2	16.4	56.8	33.7	26.2	13.1	8.80	11.8	13.8	13.8	22.2	20.5	1987
1988	19.5	15.8	14.3	152	116	37.3	17.0	18.1	18.1	41.8	69.3	42.4	48.5	1988
MEAN	22.4	19.8	23.8	87.3	94.5	58.4	36.1	21.2	21.7	30.8	35.0	30.4	40.0	MEAN

LOCATION - LAT 48 38 12 N, LONG 80 15 53 W. DRAINAGE AREA, 2 880 km². REGULATED

REMARKS - FORMERLY PUBLISHED AS "STURGEON RIVER NEAR AZEN" 1941-62

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	151 ON APR 20	10.1 ON OCT 19	1 040 000	1943
1944	---	197 ON MAY 7	12.9 B ON JAN 1	1 310 000	1944
		148 ON MAY 8	11.1 ON SEP 19	855 000	
1945	---	215 ON JUN 3	8.36B ON FEB 1	1 270 000	1945
1946	---	102 ON MAR 30	13.2 ON OCT 24	1 150 000	1946
1947	---	282 ON JUN 19	7.59 ON NOV 2	1 830 000	1947
1948	---	132 ON APR 25	7.02 ON OCT 7 *	1 020 000	1948
1949	---	138 ON APR 28	10.1 ON NOV 10	1 230 000	1949
1950	---	188 ON MAY 10	7.87 ON OCT 10	1 050 000	1950
1951	---	249 ON APR 14	10.4 B ON JAN 1	1 870 000	1951
1952	---	195 ON APR 25	12.0 ON NOV 15	1 380 000	1952
1953	---	173 ON APR 14	7.87 ON NOV 12	1 330 000	1953
1954	---	185 ON OCT 19	10.8 B ON JAN 1	1 760 000	1954
1955	---	135 ON APR 19	7.83 ON JUL 30	881 000	1955
1956	---	128 ON MAY 18	17.1 B ON JAN 16	1 340 000	1956
1957	---	244 ON JUL 8	13.4 ON OCT 14	1 500 000	1957
1958	---	87.8 ON APR 22	9.28 ON SEP 5	885 000	1958
		174 ON MAY 7	11.4 B ON FEB 28	1 300 000	1959
1960	---	418 ON MAY 14 *	19.7 ON SEP 3	1 830 000	1960
1961	---	88.6 ON MAY 11	14.3 ON SEP 12	1 170 000	1961
1962	---	---	---	---	1962
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1981	226 AT 20:53 EST ON APR 8	189 E ON APR 28	9.48 ON SEP 13	1 330 000	1981
1982	182 AT 03:01 EST ON MAY 2	225 ON APR 10	13.9 ON AUG 23	1 300 000	1982
1983	183 AT 14:01 EST ON JUN 2	180 ON APR 20	8.80 ON AUG 21	1 120 000	1983
1984	148 AT 04:13 EST ON APR 21	182 ON JUN 3	10.0 ON SEP 10	1 370 000	1984
		145 ON APR 30	13.9 B ON FEB 9	1 380 000	
1985	358 AT 08:01 EST ON APR 28 *	355 ON APR 29	11.6 ON SEP 3	1 320 000	1985
1986	117 AT 18:55 EST ON APR 23	116 ON APR 24	10.8 B ON MAR 8	1 070 000	1986
1987	73.4 AT 19:00 EST ON APR 16	72.3 ON APR 15	8.06 ON AUG 7	845 000	1987
1988	---	215 ON APR 15	10.2 ON AUG 6	1 470 000	1988
				1 260 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT FLORENCE - STATION NO. 02GG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	2.85	44.5	34.0	13.2	5.19	14.0	5.25	2.02	5.05	2.65	14.1	20.4	13.8	1984
1985	19.2	49.8	47.2	25.0	3.04	2.31	1.65	2.01	2.45	5.48	33.0	14.2	17.1	1985
1986	16.5	12.5	41.1	13.1	5.45	5.63	4.55	2.03	5.95	24.5	9.21	23.0	14.3	1986
1987	11.6	6.45	24.0	17.7	2.61	1.65	0.781	0.830	1.16	2.35	5.28	28.4	8.74	1987
1988	3.75	5.45	17.2	5.65	3.30	1.05	1.44	0.784	0.774	3.63	13.9	5.63	5.77	1988
MEAN	11.3	24.0	32.7	15.5	4.72	5.77	2.74	1.65	3.25	8.32	15.7	18.5	11.9	MEAN

LOCATION - LAT 42 38 00 N LONG 82 00 33 W DRAINAGE AREA, 1 180 km²
NATURAL FLOW

SYDENHAM RIVER AT FLORENCE - STATION NO. 02GG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	---	240 B ON FEB 15	1.35 ON AUG 25	436 000	1984
1985	344 AT 08:24 EST ON FEB 25 *	334 ON FEB 25 *	0.835 ON AUG 10	541 000	1985
1986	147 AT 14:24 EST ON MAR 12	138 ON MAR 12	0.864 ON SEP 8	452 000	1986
1987	81.4 AT 12:47 EST ON MAR 3	78.7 ON MAR 3	0.431 ON JUL 31	276 000	1987
1988	---	46.6 ON MAR 29	0.388 ON JUL 16 *	183 000	1988
				376 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	1.76	0.352	0.393	0.358	0.454	1.50	4.76	---	1966
1967	1.76	1.08	4.40	4.31	2.10	1.44	1.01	0.833	0.678	3.43	4.04	3.76	2.41	1967
1968	2.42	7.48	4.87	1.87	1.07	2.12	1.16	0.584	0.687	0.881	2.00	2.30	2.27	1968
1969	5.04	2.47	2.44	3.56	2.65	1.16	0.458	0.353	0.383	0.403	1.27	1.13	1.77	1969
1970	0.704	1.31	3.61	3.71	1.11	0.528	0.538	0.347	0.408	0.667	1.33	2.23	1.35	1970
1971	0.983	2.38	5.69	2.03	0.734	0.483	0.272	0.378	0.432	0.629	0.887	1.80	1.37	1971
1972	1.61	0.872	4.48	3.62	1.40	0.848	0.534	0.478	0.598	1.08	2.32	2.41	1.82	1972
1973	4.36	1.80	7.27	2.18	2.08	1.30	0.606	0.453	0.343	0.668	2.26	2.26	2.08	1973
1974	4.23	2.74	4.33	2.83	3.48	0.898	0.520	0.386	0.400	0.469	0.831	0.748	1.82	1974
1975	2.32	3.11	5.40	3.57	0.987	1.18	0.486	0.708	1.01	0.839	0.771	1.48	1.80	1975
1976	1.08	7.77	7.24	2.18	2.74	0.880	1.84	1.77	1.15	1.24	1.71	0.872	2.53	1976
1977	0.710	1.07	3.88	2.83	0.782	0.488	0.388	0.383	1.88	1.87	2.07	5.10	2.27	1977
1978	1.18	1.08	5.71	5.33	1.32	0.708	0.488	0.388	0.524	0.748	0.724	1.14	1.88	1978
1979	1.88	0.708	8.33	6.06	1.43	0.718	0.384	0.331	0.283	0.892	2.08	3.09	1.98	1979
1980	1.30	0.848	4.38	3.05	0.818	0.528	0.442	0.582	0.844	0.823	0.821	1.32	1.25	1980
1981	0.528	5.82	2.08	3.03	1.28	0.742	0.387	0.552	1.86	3.78	3.33	1.78	2.04	1981
1982	2.80	0.853	5.87	5.15	1.37	1.21	0.802	0.742	1.07	1.43	4.44	4.88	2.78	1982
1983	1.85	3.13	1.48	2.98	4.34	1.38	0.638	0.884	0.878	0.428	0.882	2.77	1.76	1983
1984	0.718	5.18	3.84	1.78	1.28	2.08	0.824	0.538	1.82	1.34	2.20	2.84	2.08	1984
1985	2.72	7.23	7.27	3.88	0.948	0.881	0.588	0.871	0.842	2.42	4.80	3.80	2.87	1985
1986	3.01	1.84	5.84	2.25	1.34	1.78	0.748	0.805	1.87	4.48	1.54	2.83	2.32	1986
1987	1.76	0.825	4.48	3.10	0.803	0.722	0.483	0.438	0.380	0.858	1.88	4.88	1.88	1987
1988	1.02	1.72	2.88	1.83	1.00	0.484	0.558	0.474	0.485	1.84	3.70	2.00	1.80	1988
MEAN	1.88	2.78	5.14	3.28	1.68	1.05	0.825	0.872	0.778	1.33	1.88	2.58	1.98	MEAN

LOCATION - LAT 42 57 35 N LONG 81 37 42 W DRAINAGE AREA, 172 km²
NATURAL FLOW

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	21.4 AT 05:30 EST ON OCT 19	19.9 ON OCT 19	0.566 ON SEP 8	76 000	1967
1968	98.1 AT 14:00 EST ON FEB 2 *	76.7 ON FEB 2 *	0.415 ON JUL 30	71 800	1968
1969	37.1 AT 08:46 EST ON JAN 31	32.8 ON JAN 31	0.286 ON AUG 26	56 900	1969
1970	27.7 AT 16:11 EST ON APR 3	21.5 ON APR 3	0.184 ON AUG 11	42 500	1970
1971	32.3 AT 08:27 EST ON MAR 16	26.0 ON MAR 16	0.161 ON AUG 9	43 100	1971
1972	33.7 AT 16:16 EST ON APR 17	16.9 ON APR 17	0.276 ON SEP 1	51 300	1972
1973	33.4 AT 10:37 EST ON JAN 1	26.3 ON JAN 1	0 ON JUN 22 *	66 000	1973
1974	31.1 AT 16:08 EST ON MAR 5	25.4 ON MAR 5	0.276 ON JUL 23	67 200	1974
1975	36.6 AT 20:20 EST ON MAR 20	27.2 ON MAR 20	0.001 ON AUG 2	58 700	1975
1976	38.6 AT 03:06 EST ON MAR 5	31.1 ON MAR 5	0.288 ON APR 21	80 200	1976
1977	42.2 AT 16:21 EST ON MAR 13	36.6 ON MAR 11	0.062 ON MAY 31	71 600	1977
1978	32.0 AT 09:12 EST ON APR 2	26.9 ON MAR 24	0.144 ON JUL 20	53 400	1978
1979	57.6 AT 12:53 EST ON APR 14	45.2 ON APR 14	0.028 ON AUG 21	82 400	1979
1980	27.7 AT 03:56 EST ON MAR 22	21.1 ON MAR 22	0.132 ON JUL 18	38 800	1980
1981	27.6 AT 08:35 EST ON FEB 24	25.5 ON FEB 20	0 ON JUL 16	84 300	1981
1982	38.9 AT 16:50 EST ON MAR 31	25.6 ON MAR 31	0.244 ON AUG 15	87 100	1982
1983	30.6 AT 08:32 EST ON MAY 3	22.7 ON MAY 3	0.335 ON OCT 11	55 000	1983
1984	54.1 AT 13:16 EST ON FEB 14	45.5 ON FEB 14	0.212 ON AUG 11	84 800	1984
1985	73.3 AT 01:10 EST ON FEB 25	58.9 ON FEB 25	0.400 ON AUG 22	90 700	1985
1986	28.2 AT 20:31 EST ON MAR 11	23.0 ON OCT 1	0.411 ON SEP 9	73 200	1986
1987	25.6 AT 20:30 EST ON MAR 6	19.5 ON MAR 9	0.282 ON SEP 27	53 200	1987
1988	---	10.0 ON NOV 23	0.248 ON JUL 13	47 300	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		62 000	MEAN

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	1.15	0.581	0.582	---	---	1947
1948	---	---	21.6	7.24	17.6	1.06	0.914	0.773	0.585	0.584	3.63	1.60	---	1948
1949	10.3	22.1	13.0	5.56	1.49	0.481	1.89	0.700	0.703	4.64	5.54	33.6	8.30	1949
1950	27.0	13.6	25.6	23.6	3.16	1.27	1.16	1.36	1.16	1.54	7.09	20.3	10.6	1950
1951	14.9	26.6	22.0	16.7	3.40	2.06	1.66	0.672	0.691	0.774	4.51	3.04	8.08	1951
1952	26.6	11.1	17.4	16.9	6.06	2.66	1.00	1.16	0.648	0.901	1.27	2.52	7.48	1952
1953	4.28	3.14	15.3	7.76	8.44	6.98	2.70	6.30	0.646	0.741	1.06	1.67	5.38	1953
1954	3.10	27.6	28.6	20.7	6.06	2.22	1.24	1.04	1.83	11.6	7.96	13.1	10.3	1954
1955	14.6	19.4	22.0	6.76	2.80	1.41	0.521	0.667	0.662	1.77	6.36	6.67	7.26	1955
1956	2.94	10.9	31.3	14.9	29.0	4.73	6.36	8.44	4.67	2.40	2.76	6.64	10.6	1956
1957	11.2	14.1	11.6	12.4	7.06	2.16	2.70	1.00	2.22	4.46	10.6	24.2	8.62	1957
1958	3.61	5.47	8.91	4.16	1.82	3.00	1.66	0.707	1.36	0.978	1.66	1.16	3.01	1958
1959	4.06	10.6	26.6	13.4	6.36	3.61	1.22	1.56	1.71	6.06	11.0	16.7	8.76	1959
1960	15.1	13.6	12.4	27.1	16.2	13.7	1.26	1.11	0.767	1.01	1.47	0.886	8.60	1960
1961	0.707	11.1	7.76	13.4	5.91	1.74	1.37	4.63	2.11	1.14	3.60	2.83	4.66	1961
1962	4.03	4.60	21.6	4.66	1.67	1.62	0.706	0.770	0.706	1.66	11.0	7.16	6.07	1962
1963	1.60	1.36	22.1	4.66	6.60	1.66	0.696	0.634	0.662	0.670	1.06	0.837	3.70	1963
1964	3.66	3.46	6.07	5.63	5.76	1.12	0.616	2.61	1.66	1.60	1.04	6.32	3.73	1964
1965	10.4	16.6	16.9	20.1	2.62	1.32	1.14	1.63	0.660	2.76	4.66	16.6	8.16	1965
1966	4.20	13.6	13.1	11.2	4.23	4.60	0.664	0.640	0.628	0.662	3.67	16.6	6.63	1966
1967	7.66	4.63	16.4	20.3	6.66	7.02	3.03	1.71	1.32	11.6	16.6	16.7	8.41	1967
1968	11.6	31.1	22.4	6.16	2.62	6.76	6.27	2.36	2.12	2.46	7.16	12.3	8.72	1968
1969	13.1	10.6	6.26	14.6	13.2	6.76	1.60	0.646	0.771	0.670	3.66	6.01	6.66	1969
1970	3.01	7.06	16.4	17.1	4.76	1.61	1.76	0.766	0.666	0.666	4.16	6.67	6.61	1970
1971	2.66	17.7	22.6	7.13	2.13	1.21	0.631	0.660	0.763	0.726	1.03	6.16	5.41	1971
1972	6.63	1.76	17.6	20.0	4.37	1.61	1.76	1.67	0.762	2.67	6.66	16.2	7.01	1972
1973	16.6	6.01	36.6	6.06	7.30	4.26	1.22	1.06	0.722	0.666	6.03	11.6	6.61	1973
1974	17.7	12.1	16.1	12.3	15.4	2.67	1.41	0.762	0.771	0.604	2.16	2.67	7.33	1974
1975	13.6	13.7	20.3	16.6	3.26	4.46	1.64	2.66	6.66	1.67	3.27	6.60	7.66	1975
1976	6.66	30.6	24.1	10.3	12.1	2.66	6.67	6.36	2.61	3.00	6.43	3.06	6.46	1976
1977	1.60	4.36	36.6	12.6	2.76	1.40	1.26	0.626	4.02	4.66	7.71	21.6	6.46	1977
1978	3.10	1.72	16.6	23.0	6.12	2.17	1.07	0.666	0.670	1.36	1.66	3.21	6.27	1978
1979	4.11	1.60	26.6	26.6	6.60	2.66	1.17	0.741	0.767	1.32	6.62	14.6	7.76	1979
1980	6.67	2.71	17.7	14.0	3.61	2.66	1.66	1.66	1.66	2.70	1.62	6.66	6.16	1980
1981	1.16	27.6	7.16	11.3	6.17	1.63	0.662	1.77	7.37	17.7	6.62	6.26	6.14	1981
1982	6.62	1.66	46.6	20.1	3.32	3.36	1.13	1.60	2.20	2.66	14.6	21.6	10.6	1982
1983	6.66	12.6	6.32	11.0	16.7	4.60	1.24	2.36	1.43	1.34	6.17	16.1	7.36	1983
1984	1.47	26.6	20.6	6.13	6.41	11.2	3.61	1.66	6.21	2.06	6.47	12.6	6.60	1984
1985	11.6	30.6	26.2	16.2	2.46	1.60	1.16	1.67	1.66	6.02	20.6	6.26	10.6	1985
1986	13.6	6.76	26.6	6.36	4.12	6.64	2.46	1.71	6.71	16.6	6.76	14.6	6.30	1986
1987	7.01	2.61	17.6	11.6	1.66	1.40	0.616	0.662	0.621	1.63	6.00	17.6	6.63	1987
1988	2.31	6.04	10.6	6.60	2.27	0.660	1.36	0.772	0.717	3.17	6.67	6.66	3.60	1988
MEAN	6.26	13.3	20.0	13.6	6.66	3.42	1.66	1.66	1.76	3.16	6.67	10.6	7.64	MEAN

LOCATION - LAT 42 49 46 N, LONG 81 51 06 W. DRAINAGE AREA, 730 km^2. NATURAL FLOW

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	108 ON DEC 22	0.481 ON JUN 1	282 000	1949
1950	---	118 ON APR 4	1.13 ON JUN 7	338 000	1950
1951	---	75.8 ON JAN 4	0.388 ON AUG 25	285 000	1951
1952	---	89.2 ON JAN 3	0.738 ON JUL 9	238 000	1952
1953	---	97.7 ON MAY 31	0.851 ON OCT 5	170 000	1953
1954	---	178 ON FEB 17	0.851 ON AUG 8	325 000	1954
1955	---	89.1 ON FEB 28	0.340 ON JUL 13	220 000	1955
1956	---	138 ON MAR 7	1.70 ON OCT 30	335 000	1956
1957	---	102 ON DEC 21	0.621 ON AUG 10	272 000	1957
1958	---	37.8 ON FEB 28	0.595 ON AUG 22	84 800	1958
1959	---	80.8 ON DEC 13	0.5108 ON JAN 19	276 000	1959
1960	---	139 E ON MAR 31	0.7858 ON DEC 31	289 000	1960
1961	---	53.0 ON APR 25	0.5858 ON FEB 1	147 000	1961
1962	---	73.88 ON MAR 14	0.371 ON JUL 21	180 000	1962
1963	---	88.6 ON MAR 27	0.882 ON OCT 5	117 000	1963
1964	---	31.7 ON APR 7	0.521 ON AUG 1	118 000	1964
1965	158 AT 22:00 EST ON MAR 6	130 ON MAR 7	0.706 ON SEP 22	258 000	1965
1966	120 AT 17:30 EST ON DEC 7	100 ON DEC 8	0.585 ON JUL 25	206 000	1966
1967	114 AT 08:00 EST ON APR 3	103 ON APR 3	0.854 ON SEP 15	297 000	1967
1968	237 B AT 17:45 EST ON FEB 2	189 B ON FEB 2	1.40 ON SEP 1	308 000	1968
1969	73.1 AT 16:59 EST ON APR 6	66.6 ON FEB 1	0.705 ON SEP 4	207 000	1969
1970	128 AT 00:32 EST ON APR 3	108 ON APR 3	0.572 ON AUG 17	183 000	1970
1971	---	78.38 ON FEB 28	0.388 ON AUG 9	171 000	1971
1972	134 AT 10:34 EST ON APR 17	114 ON APR 17	0.804 ON SEP 23	222 000	1972
1973	128 AT 00:00 EST ON JAN 1	104 ON MAR 12	0.809 ON SEP 14	272 000	1973
1974	104 AT 18:48 EST ON MAR 5	96.6 ON MAR 5	0.078 ON AUG 31 *	231 000	1974
1975	88.1 AT 18:37 EST ON APR 19	83.6 ON FEB 24	0.858 ON AUG 3	248 000	1975
1976	---	108 B ON FEB 19	1.67 ON SEP 9	288 000	1976
1977	107 AT 16:30 EST ON MAR 10	98.3 ON MAR 10	0.766 ON JUL 29	267 000	1977
1978	---	80.48 ON MAR 24	0.841 ON JUL 22	186 000	1978
1979	256 AT 06:31 EST ON APR 14 *	207 ON APR 14 *	0.4808 ON JUL 25	244 000	1979
1980	80.0 AT 01:00 EST ON MAR 22	72.2 ON MAR 22	0.700 ON AUG 31	183 000	1980
1981	86.4 AT 10:50 EST ON OCT 2	85.08 ON FEB 20	0.416 ON JUL 18	257 000	1981
1982	158 B AT 13:52 EST ON MAR 14	139 B ON MAR 14	0.648 ON JUL 25	341 000	1982
1983	118 AT 23:02 EST ON MAY 2	84.9 ON MAY 3	0.764 ON JUL 28	232 000	1983
1984	---	168 B ON FEB 14	1.08 ON AUG 28	278 000	1984
1985	217 AT 19:28 EST ON FEB 24	195 ON FEB 24	0.852 ON AUG 4	360 000	1985
1986	---	90.08 ON MAR 11	0.673 ON SEP 9	293 000	1986
1987	---	85.08 ON MAR 2	0.273 ON JUL 31	184 000	1987
1988	---	32.2 ON MAR 28	0.417 ON JUL 18	123 000	1988
				238 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	28.8	33.8	10.4	8.55	4.82	1.81	1.40	14.3	23.5	28.3	---	1967
1968	13.1	56.1	34.3	12.1	8.07	15.0	7.15	3.09	2.37	2.28	7.48	15.4	14.3	1968
1969	24.3	16.5	13.6	26.1	18.1	10.7	3.30	1.23	0.839	1.09	5.84	10.4	11.0	1969
1970	3.83	8.89	21.9	26.9	8.48	3.30	3.45	0.988	1.07	1.28	7.93	13.4	8.15	1970
1971	4.88	23.7	34.3	12.1	2.88	1.72	0.906	0.438	0.738	0.718	1.12	13.0	7.80	1971
1972	10.8	3.43	38.7	31.3	8.63	3.27	3.87	3.43	0.936	3.82	18.8	26.6	12.3	1972
1973	27.1	10.8	88.1	14.8	12.2	5.18	1.90	1.15	0.731	0.878	8.57	18.5	13.5	1973
1974	28.1	20.8	34.9	21.4	26.2	3.37	1.80	0.988	0.620	0.928	3.38	9.01	12.3	1974
1975	25.2	24.5	34.0	33.8	8.09	8.81	1.82	3.58	15.2	2.93	4.82	18.2	13.8	1975
1976	10.4	63.8	38.2	17.4	30.8	4.21	21.8	7.87	3.15	3.47	8.33	3.84	15.7	1976
1977	2.28	8.08	61.6	33.9	4.15	1.88	1.82	1.10	8.77	8.09	13.2	42.3	14.8	1977
1978	5.12	4.33	33.1	40.0	8.77	2.77	1.18	1.13	1.05	1.53	1.83	4.40	8.82	1978
1979	8.38	3.88	34.2	50.8	8.85	3.87	1.81	1.10	0.885	1.57	8.53	28.8	12.8	1979
1980	7.88	3.51	38.3	38.1	8.28	4.78	4.10	4.82	2.82	3.40	2.34	8.14	8.82	1980
1981	1.78	43.8	11.2	18.7	8.88	2.88	1.47	2.12	8.85	31.8	14.3	12.8	12.8	1981
1982	18.7	3.88	67.1	38.7	4.31	8.82	1.82	3.15	3.88	3.77	27.2	37.8	17.8	1982
1983	10.2	20.2	10.1	19.0	30.8	7.44	2.38	8.08	1.88	1.83	10.8	27.0	12.2	1983
1984	3.48	80.1	38.7	14.8	---	---	---	---	---	---	---	---	---	1984
MEAN	12.1	20.8	34.8	24.8	10.7	8.43	3.87	2.82	3.13	4.88	8.87	18.3	12.2	MEAN

LOCATION - LAT 42 35 38 N DRAINAGE AREA, 1 240 km^2
LONG 82 08 31 W NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 3 1984

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	144 AT 02:30 EST ON DEC 23	137 ON DEC 23	---	---	1967
1968	3288 AT 12:30 EST ON FEB 3 *	317 B ON FEB 3 *	0.849 ON JUN 24	449 000	1968
1969	1178 AT 14:26 EST ON FEB 1	113 B ON FEB 1	0.785E ON SEP 18	348 000	1969
1970	169 AT 03:29 EST ON APR 4	148 ON APR 4	0.843E ON SEP 19	358 000	1970
1971	---	84.98 ON FEB 26	0.268 ON AUG 14 *	248 000	1971
1972	132 AT 12:45 EST ON APR 18	128 ON APR 18	0.784 ON SEP 7	388 000	1972
1973	144 AT 23:41 EST ON MAR 12	133 ON MAR 13	0.817 ON SEP 12	427 000	1973
1974	129 AT 08:57 EST ON MAR 4	128 ON MAR 5	0.716 ON SEP 4	385 000	1974
1975	137 AT 12:31 EST ON FEB 25	132 ON FEB 25	0.900 ON AUG 3	428 000	1975
1976	---	158 B ON FEB 19	1.51 ON SEP 8	486 000	1976
1977	147 AT 07:00 EST ON MAR 14	145 ON MAR 14	0.801 ON JUL 31	460 000	1977
1978	---	130 B ON MAR 24	0.851 ON SEP 11	272 000	1978
1979	267 AT 05:31 EST ON APR 15	245 ON APR 15	0.858 ON SEP 13	388 000	1979
1980	119 AT 21:51 EST ON MAR 22	110 ON MAR 22	1.14 ON AUG 31	270 000	1980
1981	1388 AT 16:59 EST ON FEB 20	136 B ON FEB 21	0.943 ON JUL 19	408 000	1981
1982	187 AT 00:01 EST ON MAR 18	165 B ON MAR 17	1.01 ON JUL 26	585 000	1982
1983	142 AT 02:56 EST ON MAY 4	131 ON MAY 4	0.984 ON SEP 18	385 000	1983
1984	271 AT 10:41 EST ON FEB 15	262 ON FEB 15	---	---	1984
				386 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	0.840	0.771	0.850	1.18	1.80	1.86	---	1915
1916	9.19	2.84	4.33	10.6	4.29	4.85	1.10	0.838	0.648	0.771	1.09	3.18	3.24	1916
1917	1.36	1.12	8.03	7.88	2.84	3.03	8.84	1.07	0.703	1.17	1.32	1.43	2.78	1917
1918	3.87	2.15	8.88	8.83	2.32	1.11	0.648	0.450	0.837	0.878	1.80	3.82	2.80	1918
1919	2.81	2.08	7.89	4.20	2.11	0.826	0.883	0.481	0.434	0.884	2.18	3.22	2.37	1919
1920	1.82	2.23	14.4	5.95	2.35	1.18	0.888	0.803	0.481	0.888	3.00	3.89	3.13	1920
1921	4.88	2.31	8.78	6.11	2.44	2.81	1.18	0.906	0.815	1.10	1.48	4.08	3.14	1921
1922	1.78	1.72	8.81	8.88	2.08	0.871	1.26	0.601	0.848	0.842	0.718	0.783	2.42	1922
1923	0.880	0.888	5.48	8.77	4.77	1.43	0.878	0.384	0.450	0.402	0.728	1.88	3.24	1923
1924	1.88	1.85	4.83	8.71	8.88	2.84	1.28	1.88	0.884	0.883	0.880	2.81	2.71	1924
1925	0.848	4.03	7.88	4.88	1.83	1.18	0.873	.173	0.804	0.788	2.84	2.43	2.32	1925
1926	2.12	1.73	2.07	8.38	4.78	2.43	0.788	0.380	0.781	1.18	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	1.38	1.38	---	---	1945
1946	---	---	7.48	1.81	1.38	0.818	0.374	0.248	0.328	0.327	0.828	1.23	---	1946
1947	---	---	---	18.7	4.88	2.22	1.48	0.883	0.328	0.334	0.888	1.87	---	1947
1948	---	---	12.6	4.28	2.20	0.788	0.368	0.220	0.140	0.287	0.883	0.818	---	1948
1949	4.82	1.88	7.38	3.88	1.08	0.427	0.228	0.188	0.188	0.288	0.383	4.18	2.82	1949
1950	5.88	3.88	7.38	10.2	1.72	1.31	0.872	0.843	0.788	0.881	2.77	4.18	3.23	1950
1951	8.84	5.38	8.43	12.2	3.18	0.848	1.12	1.18	1.04	3.84	8.81	4.81	4.84	1951
1952	8.87	8.43	8.87	10.8	2.41	0.888	0.282	0.428	0.840	0.378	1.04	2.87	3.38	1952
1953	2.08	2.41	8.08	5.10	2.18	2.85	2.48	0.840	0.988	0.788	0.818	1.80	2.18	1953
1954	1.80	8.08	8.08	7.88	1.84	1.30	0.318	0.882	3.00	8.84	3.20	1.88	3.78	1954
1955	2.82	4.38	7.70	7.37	1.88	0.883	0.218	0.214	0.147	0.471	1.31	1.37	2.38	1955
1956	1.12	1.03	2.72	8.87	3.82	2.86	1.48	1.84	2.28	1.82	1.87	3.88	2.83	1956
1957	2.42	2.88	4.48	4.20	1.80	1.03	1.48	0.407	2.80	3.12	4.88	8.34	2.85	1957
1958	2.18	1.87	3.28	3.88	0.874	0.788	0.377	0.238	0.303	0.388	0.928	0.803	1.32	1958
1959	1.18	1.28	4.48	11.8	3.88	1.08	0.887	0.487	0.837	1.04	4.48	3.37	2.88	1959
1960	2.78	2.58	1.88	10.8	7.48	2.12	0.848	0.833	0.838	0.717	1.88	0.978	2.78	1960
1961	1.23	2.23	7.85	4.88	2.84	1.83	0.812	0.748	1.18	0.243	2.70	4.17	2.88	1961
1962	1.78	3.28	8.81	8.04	1.74	0.778	0.821	0.387	0.424	0.720	0.881	1.87	2.10	1962
1963	1.10	0.883	8.82	4.14	4.84	1.78	0.857	0.711	0.420	0.348	0.737	0.700	1.88	1963
1964	2.28	2.28	8.21	1.78	1.31	0.484	0.284	0.300	0.248	0.388	0.810	1.87	1.81	1964
1965	1.82	8.12	2.88	13.2	2.80	0.781	0.812	0.482	0.484	1.08	1.78	4.78	2.88	1965
1966	4.00	8.38	8.88	3.44	1.77	0.834	0.388	0.328	0.318	0.388	0.885	3.88	2.24	1966
1967	2.88	2.84	3.47	8.78	1.87	2.38	1.88	0.778	0.787	2.27	8.83	8.83	3.28	1967
1968	2.38	7.34	7.41	8.81	2.87	1.28	0.848	1.13	0.883	1.01	2.18	4.73	3.03	1968
1969	8.48	4.87	8.83	11.1	8.88	3.18	1.88	1.84	0.878	1.33	2.84	2.48	3.81	1969
1970	1.88	1.88	2.70	10.8	2.78	1.04	1.80	0.808	1.18	1.83	2.18	3.00	2.87	1970
1971	2.23	2.32	8.18	12.1	2.87	1.38	0.878	0.818	0.820	0.830	1.18	2.73	2.78	1971
1972	2.71	2.71	3.02	14.2	3.78	1.78	1.73	1.27	0.701	1.38	2.22	3.08	3.20	1972
1973	8.42	3.88	7.48	8.81	2.88	1.78	0.838	0.818	0.424	0.878	3.04	2.98	3.12	1973
1974	4.77	2.83	8.32	9.82	3.77	1.71	0.788	0.788	0.828	2.20	4.33	2.71	3.23	1974
1975	3.90	3.18	8.27	10.7	2.78	1.18	0.727	0.837	0.800	0.858	1.23	2.78	2.82	1975
1976	1.78	8.08	14.2	4.38	2.84	1.17	2.08	1.48	1.83	1.83	4.13	2.89	3.82	1976
1977	1.72	1.48	12.0	8.33	1.48	0.838	0.807	1.08	1.88	8.40	8.85	4.82	3.81	1977
1978	2.78	1.84	3.48	11.8	2.84	1.38	0.788	0.732	1.87	1.73	2.33	2.88	2.88	1978
1979	3.28	2.41	14.3	8.82	3.80	1.48	0.838	1.81	1.38	2.44	3.78	7.84	4.42	1979
1980	8.88	1.88	7.18	8.28	2.82	2.48	8.24	2.28	2.03	2.78	3.12	4.78	3.88	1980
1981	1.38	8.27	4.83	4.80	3.84	1.78	1.21	0.847	1.88	2.31	2.88	2.87	3.04	1981
1982	3.31	1.14	1.81	13.8	2.28	3.38	1.32	1.31	1.04	1.18	2.10	8.31	3.22	1982
1983	3.82	3.78	4.08	4.13	4.88	2.01	0.782	0.718	1.03	1.20	2.30	2.82	2.80	1983
1984	1.88	8.27	5.81	8.28	2.88	1.48	0.788	0.808	1.01	0.880	3.78	4.73	3.13	1984
1985	3.88	8.38	11.3	8.80	2.42	1.82	0.826	0.788	1.88	1.87	4.83	2.94	3.83	1985
1986	2.83	2.47	10.8	8.78	3.48	1.87	1.08	0.830	4.20	8.87	2.28	3.43	3.87	1986
1987	2.88	2.04	8.70	8.48	1.81	1.88	1.33	0.883	0.820	2.18	4.87	8.88	3.02	1987
1988	3.77	8.45	8.14	8.08	2.33	1.08	0.724	0.884	1.24	3.03	8.22	3.28	3.17	1988
MEAN	3.00	3.18	8.88	7.88	2.81	1.87	1.07	0.782	0.885	1.83	3.48	3.18	2.83	MEAN

LOCATION - LAT 44 31 31 N DRAINAGE AREA, 181 km^2
LONG 80 55 51 W NATURAL FLOW

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	24.2 ON APR 1	0.425 ON SEP 9	105 000	1916
1917	---	20.0 ON MAR 27	0.453 ON JAN 20	87 800	1917
1918	---	23.2 ON MAR 22	0.085 ON FEB 8	88 100	1918
1919	---	27.8 ON MAR 18	0.340 ON AUG 8	74 700	1919
1920	---	38.8 ON MAR 18	0.384 ON SEP 23	88 800	1920
1921	---	18.3 ON MAR 21	0.510 ON AUG 30	89 200	1921
1922	---	20.4 ON MAR 14	0.311 ON AUG 20	76 400	1922
1923	---	25.2 ON APR 9	0.311 ON AUG 12	70 500	1923
1924	---	25.2 ON APR 6	0.538 ON SEP 24	85 900	1924
1925	---	11.4 ON MAR 27	0.453 ON AUG 19	73 200	1925
1926	---	22.2 ON APR 23	---	---	1926
1945	---	---	---	---	1945
1946	---	24.4 ON MAR 8	0.085 ON AUG 8	---	1946
1947	---	67.7 ON APR 12 *	0.198 ON SEP 7	---	1947
1948	---	58.9 ON MAR 20	0.085 ON AUG 24	---	1948
1949	---	26.8 ON MAR 28	0.057 ON SEP 16	83 700	1949
1950	---	41.3 ON MAR 28	0.283 ON JUL 16	102 000	1950
1951	---	22.7 ON MAR 31	0.283 ON AUG 12	146 000	1951
1952	---	21.2 ON APR 15	0.028 ON JUL 17 *	106 000	1952
1953	---	10.2 ON MAR 17	0.283 ON AUG 30	87 800	1953
1954	---	42.8 ON OCT 16	0.028 ON JUL 25	118 000	1954
1955	---	19.1 ON MAR 12	0.085 ON SEP 28	75 100	1955
1956	---	36.7 ON APR 5	0.425 ON JUL 31	83 200	1956
1957	---	18.8 ON DEC 22	0.255 ON SEP 1	93 000	1957
1958	---	9.63 ON MAR 30	0.170 ON AUG 18	41 800	1958
1959	28.2 AT 12:00 EST ON APR 6	26.0 ON APR 6	0.283 ON JUL 8	89 800	1959
1960	---	40.2 ON APR 4	0.396 ON OCT 8	87 000	1960
1961	---	17.6 ON DEC 10	0.142 ON AUG 22	81 800	1961
1962	---	34.0 ON MAR 30	0.142 ON AUG 13	88 300	1962
1963	---	37.7 B ON MAR 28	0.184 ON NOV 5	56 500	1963
1964	---	18.1 ON MAR 5	0.170 ON SEP 21	47 700	1964
1965	48.6 AT 18:30 EST ON APR 12	37.4 ON APR 12	0.368 ON AUG 2	92 800	1965
1966	28.2 AT 19:30 EST ON FEB 11	20.3 ON FEB 11	0.228 ON SEP 12	70 700	1966
1967	36.7 AT 16:00 EST ON APR 2	31.4 ON APR 2	0.473 ON SEP 16	103 000	1967
1968	47.3B AT 00:45 EST ON FEB 3	41.3 B ON FEB 3	0.402 ON AUG 15	88 700	1968
1969	39.8 AT 08:43 EST ON APR 6	24.8 ON APR 8	0.516 ON SEP 4	114 000	1969
1970	27.0 AT 03:35 EST ON APR 16	25.3 ON APR 15	0.425 ON AUG 28	81 100	1970
1971	25.3 AT 21:00 EST ON APR 13	23.8 ON APR 13	0.391 ON AUG 20	87 700	1971
1972	48.3 AT 07:55 EST ON APR 15	43.8 ON APR 15	0.476 ON SEP 24	101 000	1972
1973	27.2 AT 17:24 EST ON JAN 1	23.8 ON JAN 1	0.354 ON SEP 14	88 300	1973
1974	33.4 AT 18:19 EST ON APR 4	27.8 ON APR 5	0.438 ON AUG 23	102 000	1974
1975	59.5 AT 14:04 EST ON APR 19 *	49.0 ON APR 19	0.530 ON AUG 21	82 000	1975
1976	46.4 AT 11:55 EST ON MAR 21	42.2 ON MAR 21	0.738 ON AUG 28	114 000	1976
1977	---	43.9 B ON MAR 14	0.467 ON JUL 26	120 000	1977
1978	21.4 AT 05:05 EST ON APR 12	20.8 ON APR 12	0.572 ON AUG 14	84 400	1978
1979	32.7 AT 00:01 EST ON DEC 26	29.0 ON DEC 26	0.651 ON AUG 1	139 000	1979
1980	31.7 AT 02:55 EST ON MAR 22	30.4 ON MAR 22	0.829 ON JUL 14	125 000	1980
1981	36.2B AT 14:05 EST ON FEB 20	34.1 B ON FEB 20	0.560E ON JUL 31	85 800	1981
1982	58.6 AT 15:00 EST ON APR 1	53.6 B ON APR 1	0.776 ON SEP 13	102 000	1982
1983	10.3 AT 13:45 EST ON MAY 9	9.82 ON MAY 8	0.578 ON SEP 13	82 100	1983
1984	38.8 AT 05:27 EST ON FEB 15	37.0 B ON FEB 15	0.520 ON AUG 26	88 900	1984
1985	30.4 AT 07:50 EST ON MAR 29	28.9 ON MAR 29	0.848 ON AUG 23	124 000	1985
1986	23.8 AT 18:00 EST ON MAR 26	22.7 ON MAR 27	0.833 ON SEP 9	122 000	1986
1987	13.8 AT 03:57 EST ON MAR 27	12.6 ON MAR 27	0.596 ON SEP 16	85 100	1987
1988	---	18.3 B ON MAR 27	0.802 ON JUL 9	100 000	1988
				92 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	3.40	4.24	4.22	4.98	4.70	15.6	---	1982
1983	18.4	12.2	11.1	18.1	24.6	5.48	3.37	4.19	3.77	3.76	7.79	15.1	10.5	1983
1984	10.1	19.9	17.0	36.0	18.6	4.62	3.82	3.82	2.63	2.39R	2.68R	3.23	10.3 R	1984
1985	3.87	5.34	22.5	20.5	3.58	1.74	2.30	3.14	4.38	3.51	7.48	9.68	7.34	1985
1986	8.48	7.03	14.7	10.0	7.86	6.30	3.83	6.98	11.3	19.3	13.9	15.3	10.4	1986
1987	11.3	9.86	15.6	16.7	8.41	---	---	---	---	---	---	---	---	1987
1988	---	---	17.1	15.0	7.01	---	---	---	---	---	---	---	---	1988
MEAN	9.83	10.8	16.3	20.4	11.4	4.83	3.30	4.27	5.24	5.79R	7.29R	11.8	9.64R	MEAN

LOCATION - LAT 44 53 34 N LONG 78 07 25 W
DRAINAGE AREA, 765 km^2
REGULATED

R - REVISED SINCE JAN 01 1987

REMARKS - SEASONAL OPERATION (FRESHET-MAY 31) EFFECTIVE 1987.

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	37.8 AT 13:33 EST ON MAY 10	36.3 ON MAY 10	1.88 ON NOV 1	331 000	1983
1984	88.3 AT 21:15 EST ON APR 7 *	84.8 ON APR 7 *	3.01 R ON NOV 3	326 000R	1984
1985	---	41.08 ON MAR 18	0.385 ON MAY 31 *	231 000	1985
1986	---	40.08 ON MAR 21	2.05 ON MAY 15	327 000	1986
1987	41.4 AT 08:88 EST ON MAR 27	40.8 ON MAR 27	---	---	1987
1988	---	50.6 ON MAR 27	---	---	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		304 000R	MEAN

TAY RIVER BELOW BOBS LAKE - STATION NO. 02LA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	5.26	5.18	8.86	9.07	7.70	2.43	4.36	3.20	2.22	1.82	1.88	1.84	4.80	1984
1985	2.36	2.32	5.91	8.80	0.614	2.03	---	---	---	---	---	---	---	1985
MEAN	3.81	4.26	7.46	8.94	4.16	2.23	4.36	3.20	2.22	1.82	1.88	1.84	4.80	MEAN

LOCATION - LAT 44 45 36 N LONG 76 31 17 W DRAINAGE AREA, 367 km^2 REGULATED

REMARKS - STATION DISCONTINUED JUN 30 1985.

TAY RIVER BELOW BOBS LAKE - STATION NO. 02LA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	12.4 AT 17:13 EST ON APR 30 *	12.0 ON APR 22 *	1.20 ON JUN 11	146 000	1984
1985	8.81 AT 03:86 EST ON APR 14	8.64 ON APR 13	0.436 ON MAY 22 *	---	1985
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		146 000	MEAN

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 02KF018

TAY RIVER NEAR GLEN TAY - STATION NO. 02LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR YEAR	JAN JAN	FEB FEB	MAR MAR	APR APR	MAY MAY	JUN JUN	JUL JUL	AUG AUG	SEP SEP	OCT OCT	NOV NOV	DEC DEC	MEAN MEAN	YEAR YEAR
1988	---	---	3.58	11.8	6.19	1.13	0.204	0.231	0.221	0.880	5.03	5.85	---	1988
1915	---	---	---	---	---	---	---	1.85	2.04	1.57	2.17	2.78	---	1915
1916	4.48	4.34	10.0	14.4	14.1	21.3	10.3	5.69	4.31	2.08	1.89	1.38	7.84	1916
MEAN	---	---	3.58	11.8	6.19	1.13	0.204	0.231	0.221	0.880	5.03	5.85	---	MEAN
1917	1.52	1.84	8.02	7.80	3.40	3.66	3.61	4.62	3.37	4.22	4.53	4.48	4.28	1917
1918	1.80	4.78	17.8	13.7	5.13	5.29	5.07	5.26	6.57	5.77	5.84	7.41	7.19	1918
	LOCATION -	LAT	44 50 40 N		DRAINAGE AREA, 357 km^2									
1919	7.12	5.69	10.8	12.2	17.9	13.6	8.38	7.38	5.63	---	---	---	---	1919
		LONG	77 07 12 W											
1920	---	---	---	---	---	---	---	---	---	3.38	2.48	3.44	---	1920
1921	3.34	3.07	13.9	9.18	8.83	4.32	4.58	4.14	4.24	2.83	4.11	4.48	5.87	1921
1922	2.75	2.91	14.8	13.5	10.7	5.57	4.81	4.38	4.71	4.58	3.34	3.48	6.41	1922
REMARKS - STATION ACTIVATED FEB 1988														
1923	2.89	2.44	3.14	10.8	2.81	4.02	3.51	3.38	3.21	2.78	2.37	3.71	3.76	1923

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 02KF018

1924	3.18	5.35	11.3	10.4	12.0	5.05	3.75	3.48	3.41	4.40	3.30	2.89	6.02	1924

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

1925	1.78	10.4	18.3	12.0	6.12	4.85	4.80	3.42	4.34	3.80	5.53	5.10	5.88	1925
1926	7.28	5.48	7.38	21.5	13.1	4.48	5.41	4.71	4.48	5.57	---	---	---	1926
YEAR	MAXIMUM INSTANTANEOUS DISCHARGE			MAXIMUM DAILY DISCHARGE			MINIMUM DAILY DISCHARGE			TOTAL DISCHARGE				YEAR
	(m^3/s)			(m^3/s)			(m^3/s)			(dam^3)				
MEAN	3.81	4.78	11.8	12.8	8.80	7.68	5.80	4.36	4.32	3.73	3.74	4.30	8.02	MEAN
	LOCATION -	LAT	44 53 37 N		DRAINAGE AREA, 528 km^2				DATA CONTRIBUTED BY -					
1988			---			18.8 ON APR 10 *			0.121 ON AUG 22 *				---	1988
		LONG	76 18 08 W		REGULATED				ONTARIO HYDRO					
						* - EXTREME RECORDED FOR THE PERIOD OF RECORD							---	MEAN

TAY RIVER NEAR GLEN TAY - STATION NO. 02LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	40.2 ON MAR 31	1.08 ON DEC 15 *	246 000	1916
1917	---	40.2 ON MAR 27	1.08 ON JAN 29	135 000	1917
1918	---	37.4 ON MAR 24	1.33 ON JAN 1	227 000	1918
1919	---	34.8 ON MAY 23	---	---	1919
1920	---	---	---	---	1920
1921	---	40.5 ON MAR 8	1.98 ON OCT 26	178 000	1921
1922	---	43.8 ON MAR 8	1.60 ON DEC 29	202 000	1922
1923	---	34.3 ON APR 7	1.27 ON JUN 4	116 000	1923
1924	---	26.2 ON APR 7	1.838 ON DEC 31	190 000	1924
1925	---	45.8 ON MAR 20	1.888 ON JAN 27	220 000	1925
1926	---	47.8 ON APR 23 *	---	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		190 000	MEAN

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	9.05	8.34	11.4	44.0	10.1	5.85	7.27	3.08	1.77	3.84	5.26	13.8	10.2	1972
1973	31.8	9.80	26.6	14.4	6.38	3.85	1.83	1.83	0.875	1.20	3.84	5.08	9.33	1973
1974	10.0	10.5	23.7	23.8	18.0	4.73	1.94	1.85	1.27	2.44	8.08	8.56	9.04	1974
1975	12.4	12.4	24.8	31.4	9.57	3.68	1.85	4.97	5.84	5.00	8.24	15.2	11.4	1975
1976	8.28	22.6	81.1	20.0	10.4	3.56	4.37	1.81	2.48	3.67	7.88	5.57	12.7	1976
1977	3.87	5.27	54.3	20.3	3.75	2.04	1.70	7.74	7.01	14.7	15.1	13.8	12.8	1977
1978	7.81	5.79	11.6	35.7	6.88	4.63	1.88	1.79	6.23	6.63	8.04	6.81	8.56	1978
1979	8.20	8.92	40.0	26.3	10.1	2.87	2.82	2.34	1.34	5.13	8.82	20.4	12.3	1979
1980	8.80	3.84	20.2	26.6	8.38	4.21	2.88	2.45	2.78	5.74	7.31	11.8	9.88	1980
1981	4.40	35.0	26.6	14.4	10.0	3.80	2.43	2.76	5.72	6.82	8.28	5.57	10.8	1981
1982	6.22	3.37	21.8	45.2	8.26	14.2	3.48	4.10	3.47	3.41	13.0	24.3	12.4	1982
1983	11.8	14.8	11.6	13.2	11.4	4.90	2.78	3.22	4.15	5.13	8.33	11.4	8.38	1983
1984	8.21	36.0	22.8	17.1	10.0	5.78	2.67	1.80	2.67	2.86	10.8	12.3	10.8	1984
1985	9.88	15.7	45.7	51.3	7.86	4.44	2.26	2.53	3.26	3.84	10.8	8.18	13.8	1985
1986	7.26	6.26	37.7	20.0	7.33	5.70	2.67	2.88	28.8	23.8	8.26	11.4	13.7	1986
1987	6.74	6.03	26.8	16.3	3.88	2.88	2.27	2.17	1.80	5.87	14.7	20.0	8.88	1987
1988	9.47	16.4	23.8	18.8	7.24	2.18	1.21	1.43	1.54	6.26	16.1	14.7	9.71	1988
MEAN	9.82	12.7	29.0	26.8	8.74	4.64	2.76	2.86	4.64	6.30	8.28	12.8	10.8	MEAN

LOCATION - LAT 44 18 07 N DRAINAGE AREA, 863 km^2
LONG 81 16 09 W NATURAL FLOW

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	105 AT 21:08 EST ON APR 18	95.7 ON APR 18	1.29 ON SEP 19	323 000	1972
1973	75.3 AT 00:00 EST ON JAN 1	55.8 ON JAN 3	0.627 ON OCT 7 *	284 000	1973
1974	80.4 AT 23:47 EST ON MAR 3	66.0 ON MAR 7	0.874 ON SEP 11	285 000	1974
1975	108 E AT 04:00 EST ON APR 19	78.7 ON APR 21	1.09 ON AUG 20	361 000	1975
1976	136 AT 04:40 EST ON MAR 21	104 ON MAR 21	1.18 ON AUG 31	402 000	1976
1977	142 AT 20:30 EST ON MAR 18 *	124 ON MAR 18 *	0.823 ON JUL 30	388 000	1977
1978	89.8 AT 18:45 EST ON APR 7	63.7 ON APR 11	1.23 ON SEP 2	270 000	1978
1979	81.6 AT 00:09 EST ON MAR 25	78.1 ON MAR 25	0.807 ON SEP 28	363 000	1979
1980	80.8 AT 07:21 EST ON APR 6	74.1 ON APR 6	1.60 ON AUG 27	305 000	1980
1981	133 AT 18:08 EST ON FEB 23	117 ON FEB 23	1.47 ON JUL 25	338 000	1981
1982	119 AT 18:55 EST ON MAR 31	107 ON MAR 31	2.07 ON JUL 24	391 000	1982
1983	31.6 AT 01:53 EST ON JAN 11	26.3 ON JAN 11	1.30 ON SEP 10	264 000	1983
1984	---	80.08 ON FEB 14	1.02 ON AUG 18	345 000	1984
1985	118 AT 03:24 EST ON APR 6	107 ON APR 6	1.39 ON JUL 25	434 000	1985
1986	117 AT 00:42 EST ON SEP 12	78.8 ON SEP 12	1.88 ON SEP 9	433 000	1986
1987	48.3 AT 23:20 EST ON MAR 28	45.8 ON MAR 28	0.852 ON SEP 5	283 000	1987
1988	---	57.0 ON MAR 30	0.787 ON OCT 1	307 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		342 000	MEAN

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	1.87	0	0	---	11.9	0.859	0	---	1938
1939	---	---	---	---	---	10.4	0	4.75	7.14	0	0.873	17.1	---	1939
1940	18.8	18.8	18.0	3.88	---	13.4	8.88	0	28.9	1.14	0.417	11.3	---	1940
1941	28.5	41.0	28.9	32.2	15.1	0	22.7	8.22	0.444	7.81	47.2	20.5	20.8	1941
1942	23.0	26.9	29.9	26.4	0	0	0	0	3.20	9.43	11.7	5.88	11.3	1942
1943	18.8	26.0	18.9	20.3	8.82	27.2	4.80	0	12.7	11.4	0	3.15	12.3	1943
1944	28.1	24.3	13.0	5.11	0	0	0	0	0	0	0.440	16.4	7.28	1944
1945	23.0	24.0	18.5	0	2.32	30.2	0	0	8.51	10.6	21.1	28.2	13.4	1945
1946	28.3	24.5	14.5	0	4.34	5.18	1.34	11.4	0	17.7	18.5	6.87	11.0	1946
1947	21.8	38.4	18.4	4.87	43.1	71.0	20.5	8.13	0	8.36	27.5	23.0	22.8	1947
1948	13.1	10.1	8.80	0	7.78	0.878	0	0	12.0	18.0	0	9.22	8.82	1948
1949	18.8	18.4	18.3	5.23	18.1	24.0	12.7	4.17	20.6	14.2	18.3	18.7	15.2	1949
1950	18.3	18.3	18.1	0	0	1.45	8.87	8.88	5.41	4.80	5.07	27.8	8.87	1950
1951	20.0	14.8	13.3	0	18.8	13.2	11.7	12.8	2.15	24.8	50.1	37.5	18.2	1951
1952	29.7	27.8	25.7	2.27	0.022	26.7	4.02	0.210	0.167	0.888	0	0.630	8.73	1952
1953	13.8	31.7	28.5	15.5	18.4	12.9	2.35	12.8	15.3	4.85	0	0	13.0	1953
1954	8.88	21.4	3.88	0	0	48.8	13.8	13.0	0	0	8.50	24.5	11.7	1954
1955	20.7	25.5	26.2	10.8	0	10.8	2.08	0	0	0	7.72	9.13	9.29	1955
1956	26.5	26.2	22.5	0	8.35	31.8	14.7	8.88	12.3	8.85	12.5	13.6	15.2	1956
1957	20.8	25.5	22.7	2.02	0	13.9	44.8	7.41	11.7	0	23.5	17.7	15.6	1957
1958	22.6	28.4	20.1	1.84	10.7	0	0	4.88	22.6	0	0	17.6	10.7	1958
1959	17.6	16.9	16.0	3.41	11.3	21.6	10.6	15.7	1.43	0	20.4	16.0	12.8	1959
1960	25.3	26.0	28.1	15.1	43.6	33.0	34.2	10.7	11.2	10.5	11.2	18.3	23.5	1960
1961	27.7	15.1	0.388	0	16.6	0	0.082	8.08	22.4	3.76	8.03	18.4	10.2	1961
1962	22.8	26.5	26.8	8.88	0	8.86	8.38	0	7.07	5.81	8.56	10.1	11.3	1962
1963	5.16	3.62	0	0	0	1.88	7.08	0	3.62	18.4	12.8	0	4.47	1963
1964	14.4	16.6	6.88	4.85	0	0.017	17.0	16.6	8.03	0	12.4	16.0	8.82	1964
1965	17.3	16.6	16.2	3.85	0	0.167	8.86	12.8	28.4	20.5	24.8	23.1	16.3	1965
1966	33.1	42.7	34.8	0	0	17.8	16.0	12.4	16.0	7.67	1.08	37.1	18.1	1966
1967	31.6	41.0	28.8	17.1	52.1	87.6	26.3	36.4	34.1	7.40	0.510	8.17	28.3	1967
1968	26.5	33.6	16.6	0	0	0	16.6	26.6	26.6	3.82	21.7	17.7	16.6	1968
1969	19.0	26.6	20.5	0	0	16.7	16.2	14.3	20.6	31.1	2.84	10.6	13.6	1969
1970	23.1	41.5	33.6	12.1	2.91	80.2	23.3	20.3	17.6	0.823	8.86	26.6	23.0	1970
1971	34.1	35.5	30.1	16.2	0	0	1.37	16.6	5.62	0.887	4.82	0	11.8	1971
1972	5.87	30.4	37.6	23.7	2.48	14.7	12.7	16.0	22.2	8.20	8.74	13.6	16.0	1972
1973	13.0	11.8	5.71	0.004	14.8	31.4	14.0	5.32	6.88	14.3	13.7	0.402	11.1	1973
1974	22.6	26.7	36.5	16.6	1.42	28.2	18.0	16.2	21.0	4.80	16.7	10.0	18.6	1974
1975	14.6	27.6	38.6	10.6	1.13	13.6	6.88	0	0	0	0	0	8.34	1975
1976	27.2	36.7	16.1	0	32.2	22.6	8.88	13.7	10.4	4.22	0.434	0.480	14.8	1976
1977	17.7	26.6	8.46	0	0.121	12.6	7.70	2.28	2.86	1.41	23.7	10.4	8.87	1977
1978	38.6	34.4	30.6	15.6	0	6.61	6.24	6.64	1.86	24.2	17.7	26.1	17.6	1978
1979	34.6	30.3	16.6	11.7	72.4	32.6	10.6	8.70	8.87	8.72	0.864	18.8	21.2	1979
1980	50.0	47.3	26.6	6.87	36.1	7.31	8.84	2.84	0.330	0.038	6.62	2.02	18.2	1980
1981	36.7	36.6	30.0	28.9	10.6	6.32	26.0	8.30	0.057	0	0	23.8	17.1	1981
1982	28.4	26.6	22.1	8.28	0	0	0	0	6.36	18.2	27.3	30.0	13.6	1982
1983	0	26.6	6.88	3.74	42.1	41.6	11.2	13.2	11.3	6.37	4.88	21.6	16.3	1983
1984	27.8	24.8	18.1	3.42	3.40	43.6	36.7	13.4	13.6	11.8	11.3	11.3	16.4	1984
1985	23.0	42.3	37.3	23.2	23.8	18.6	3.38	21.6	24.2	6.21	2.04	1.80	16.7	1985
1986	32.4	28.1	16.6	4.43	2.80	21.4	16.6	14.2	16.1	4.88	4.47	22.2	15.6	1986
1987	26.6	26.6	20.6	8.08	4.32	3.94	4.17	4.40	4.00	3.72	3.86	3.74	10.2	1987
1988	18.6	22.7	26.4	8.02	26.6	17.4	8.62	11.3	8.84	7.71	20.6	27.1	17.1	1988
MEAN	23.1	27.1	21.0	7.77	11.4	17.3	11.0	8.81	10.6	7.38	10.8	14.7	14.4	MEAN

LOCATION - LAT 48 48 41 N
LONG 79 58 43 W

DRAINAGE AREA, 1 380 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	88.5 ON NOV 3	0 ON MAY 14 *	550 000	1941
1942	---	40.2 ON APR 13	0 ON APR 28	366 000	1942
1943	---	72.8 ON JUN 16	0 ON MAY 7	389 000	1943
1944	---	32.3 ON JAN 1	0 ON APR 13	229 000	1944
1945	---	71.9 ON MAY 31	0 ON MAR 30	424 000	1945
1946	---	28.2 ON JAN 14	0 ON MAR 23	347 000	1946
1947	---	85.7 ON JUN 16	0 ON JAN 1	713 000	1947
1948	---	31.4 ON MAY 22	0 ON MAR 25	206 000	1948
1949	---	63.1 ON JUN 26	0 ON APR 7	478 000	1949
1950	---	38.6 ON JUL 6	0 ON APR 1	280 000	1950
1951	---	81.2 ON OCT 29	0 ON MAR 28	573 000	1951
1952	---	38.6 ON JUN 13	0 ON APR 5	308 000	1952
1953	---	41.8 ON MAY 11	0 ON APR 15	408 000	1953
1954	---	74.5 ON JUN 6	0 ON JAN 1	388 000	1954
1955	---	38.2 ON NOV 18	0 ON APR 14	293 000	1955
1956	---	63.1 ON MAY 29	0 ON MAR 28	481 000	1956
1957	---	82.6 ON JUL 1	0 ON APR 4	498 000	1957
1958	---	56.8 ON SEP 20	0 ON MAR 26	336 000	1958
1959	---	53.8 ON JUN 7	0 ON APR 8	402 000	1959
1960	---	86.0 ON JUL 1	0 ON APR 15	743 000	1960
1961	---	45.3 ON SEP 9	0 ON MAR 2	322 000	1961
1962	---	34.8 ON FEB 28	0 ON APR 14	357 000	1962
1963	---	20.1 ON SEP 25	0 ON FEB 21	141 000	1963
1964	---	32.3 ON AUG 1	0 ON JAN 1	311 000	1964
1965	---	77.0 ON SEP 23	0 ON APR 9	482 000	1965
1966	---	70.8 ON DEC 9	0 ON MAR 29	589 000	1966
1967	---	105 ON JUN 14	0 ON APR 18	892 000	1967
1968	---	36.5 ON JAN 25	0 ON MAR 22	502 000	1968
1969	---	43.6 ON SEP 30	0 ON JAN 1	435 000	1969
1970	---	82.7 ON JUN 2	0 ON APR 17	726 000	1970
1971	---	40.2 ON JAN 13	0 ON APR 21	374 000	1971
1972	---	48.7 ON AUG 31	0 ON JAN 1	507 000	1972
1973	---	53.8 ON MAY 19	0 ON MAR 14	349 000	1973
1974	---	81.2 ON NOV 14	0 ON APR 17	686 000	1974
1975	---	53.0 ON FEB 26	0 ON APR 19	285 000	1975
1976	---	55.8 ON MAY 22	0 ON JAN 1	462 000	1976
1977	---	50.4 ON NOV 18	0 ON MAR 18	302 000	1977
1978	---	49.0 ON JAN 18	0 ON APR 21	553 000	1978
1979	---	133 ON APR 29 *	0 ON MAR 30	858 000	1979
1980	---	73.1 ON FEB 2	0 ON APR 9	513 000	1980
1981	---	61.2 ON APR 27	0 ON JAN 1	541 000	1981
1982	---	44.2 ON OCT 22	0 ON APR 15	430 000	1982
1983	---	66.5 ON FEB 16	0 ON JAN 1	513 000	1983
1984	---	60.4 ON JUN 29	2.32 ON MAR 29	580 000	1984
1985	---	70.0 ON MAR 2	1.80 ON DEC 17	588 000	1985
1986	---	51.6 ON JUN 17	1.80 ON JAN 2	488 000	1986
1987	---	38.0 ON JAN 1	3.80 ON NOV 10	321 000	1987
1988	---	44.7 ON MAR 9	3.30 ON APR 10	540 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		455 000	MEAN

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	9.51	12.3	---	19.2	9.53	17.1	---	1938
1939	18.3	31.0	41.8	26.5	61.6	36.1	0.555	5.29	12.2	11.8	10.5	20.5	21.2	1939
1940	20.5	18.6	21.5	5.10	0.986	25.8	21.5	14.6	40.6	19.5	10.0	19.8	18.2	1940
1941	38.0	48.3	43.0	57.7	29.7	20.5	30.4	18.6	21.2	8.45	71.3	31.4	34.5	1941
1942	33.5	34.3	48.7	40.9	13.3	21.0	9.85	12.6	7.59	5.74	6.73	15.0	20.7	1942
1943	17.3	24.7	32.3	31.8	36.9	36.2	9.74	17.4	18.7	14.7	9.27	14.5	22.1	1943
1944	32.6	26.0	30.5	12.5	22.1	21.3	3.32	0.763	8.31	0.184	1.30	14.1	14.6	1944
1945	23.7	28.6	30.6	10.6	11.5	32.5	8.64	23.7	7.17	12.6	42.0	37.1	22.5	1945
1946	36.5	48.3	38.4	18.4	20.7	30.1	13.4	10.7	15.3	14.6	8.84	14.4	21.8	1946
1947	31.6	37.6	40.6	36.1	101	89.7	42.5	12.2	21.2	24.7	22.9	21.2	40.8	1947
1948	28.0	18.1	13.2	30.7	33.3	20.7	13.7	12.4	---	14.6	3.73	14.7	---	1948
1949	32.7	36.6	41.6	26.2	38.3	34.3	30.3	10.9	17.5	18.5	16.4	13.5	26.4	1949
1950	11.7	15.7	18.5	17.2	10.5	11.0	15.1	17.2	8.81	17.6	11.5	18.5	14.7	1950
1951	30.3	33.2	31.2	46.9	43.2	28.4	30.1	25.6	8.06	53.7	92.6	63.1	40.6	1951
1952	47.3	56.6	40.9	20.8	31.9	47.7	26.2	23.5	14.2	22.4	13.0	28.4	31.0	1952
1953	38.7	52.4	66.5	61.9	31.8	27.7	18.6	24.4	21.1	22.2	11.6	---	---	1953
1954	16.6	20.4	18.6	23.5	27.7	86.6	26.7	22.4	16.1	66.2	39.0	50.4	35.4	1954
1955	40.8	46.3	50.6	17.1	12.4	18.3	18.1	1.02	4.60	4.08	37.2	25.2	23.2	1955
1956	46.2	41.6	46.6	7.05	38.6	57.6	24.5	16.9	11.9	31.2	26.5	30.6	32.2	1956
1957	36.1	43.9	56.2	26.6	16.3	31.7	64.4	30.9	16.5	16.3	62.0	38.6	36.7	1957
1958	46.3	56.1	56.6	3.04	24.1	15.5	9.98	8.61	23.6	16.5	8.10	22.8	24.2	1958
1959	27.6	32.2	32.6	11.6	66.2	33.0	24.4	23.5	17.5	14.4	46.2	41.2	30.0	1959
1960	41.4	53.3	52.4	34.8	130	87.7	79.0	47.2	33.6	34.5	43.2	48.0	55.6	1960
1961	52.6	37.4	25.6	10.6	40.1	27.6	14.2	21.9	29.1	44.6	30.4	34.7	30.6	1961
1962	42.4	60.3	60.0	34.4	36.1	27.0	26.8	11.6	17.3	16.7	16.0	11.9	28.6	1962
1963	20.4	26.6	32.5	16.3	21.2	30.6	23.5	14.4	21.1	36.5	22.6	13.0	22.3	1963
1964	28.2	41.1	36.2	24.6	26.6	21.2	36.6	36.6	34.0	22.3	23.7	27.6	30.3	1964
1965	41.4	42.6	44.6	11.0	41.2	30.4	14.4	32.3	81.7	62.3	46.3	46.9	37.6	1965
1966	60.4	66.6	66.9	10.6	26.2	36.6	36.6	20.4	30.6	12.9	30.6	67.0	39.6	1966
1967	66.6	77.0	62.9	63.7	66.6	60.9	40.6	46.4	41.9	22.6	36.6	37.2	64.6	1967
1968	59.6	61.6	63.7	0.741	20.6	26.6	26.6	41.2	36.6	17.4	24.4	26.9	36.6	1968
1969	43.9	52.0	66.1	19.1	42.7	62.7	36.6	40.0	63.6	22.4	30.1	33.3	40.7	1969
1970	52.1	66.3	66.9	20.6	64.3	66.2	66.6	36.0	23.0	18.4	21.9	36.0	44.6	1970
1971	42.4	46.4	43.0	36.6	30.0	20.3	16.3	37.6	20.6	12.6	3.66	6.62	26.7	1971
1972	20.0	61.6	62.6	33.6	61.6	34.6	34.1	61.2	64.9	30.1	26.6	36.9	41.6	1972
1973	47.0	46.2	36.1	23.2	67.9	61.3	31.6	16.2	20.6	26.6	21.3	26.6	34.2	1973
1974	36.7	42.6	40.4	26.3	37.0	31.6	12.6	21.1	16.7	0	32.4	7.66	26.6	1974
1975	26.2	61.6	66.4	36.0	30.9	26.6	14.2	3.67	6.46	14.6	1.76	24.6	24.4	1975
1976	61.7	66.7	46.1	26.1	72.0	32.3	20.2	21.6	16.6	16.6	6.66	3.66	32.1	1976
1977	24.0	36.1	36.7	24.3	16.0	16.7	16.6	7.61	16.7	22.6	62.7	41.1	26.1	1977
1978	63.1	60.6	41.0	20.2	30.2	16.7	14.1	17.2	14.0	66.6	36.3	62.6	36.4	1978
1979	47.4	62.6	41.6	66.6	132	36.2	12.1	26.6	24.6	16.6	13.6	36.4	42.1	1979
1980	46.3	49.1	36.4	36.4	66.6	20.3	16.0	16.1	10.0	33.0	26.6	31.3	32.4	1980
1981	46.6	61.6	63.6	60.6	26.1	27.7	36.2	16.6	12.2	16.7	21.6	46.2	36.6	1981
1982	42.0	47.1	46.6	61.0	6.63	0.724	0.011	1.16	6.16	46.6	46.3	57.1	26.6	1982
1983	46.1	60.6	26.7	11.1	66.6	66.1	16.3	16.3	13.0	10.6	16.4	31.6	31.6	1983
1984	36.6	61.6	46.6	31.6	13.6	76.6	47.3	16.6	21.6	16.2	32.3	33.6	34.0	1984
1985	40.6	66.6	60.2	36.4	46.6	20.6	13.7	26.2	26.6	13.1	6.66	17.1	26.6	1985
1986	37.7	43.6	26.4	17.6	20.3	26.7	16.6	16.1	21.7	22.2	20.6	36.3	26.7	1986
1987	46.1	46.3	36.1	10.1	6.36	12.6	6.46	6.04	3.46	2.31	4.21	16.3	16.7	1987
1988	26.6	33.3	62.1	46.1	40.1	16.7	6.66	14.0	11.2	26.6	46.3	44.1	31.2	1988
MEAN	37.6	44.7	43.1	26.3	39.3	35.2	23.7	20.2	20.7	22.2	26.0	30.0	31.1	MEAN

LOCATION - LAT 46 40 46 N
LONG 79 69 42 W

DRAINAGE AREA, 2 360 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	89.2 ON MAY 7	0.028 ON JUL 17	871 000	1939
1940	---	69.9 ON SEP 12	0 ON APR 24 *	577 000	1940
1941	---	123 ON APR 25	0 ON OCT 6	1 080 000	1941
1942	---	74.6 ON MAR 16	0 ON SEP 23	852 000	1942
1943	---	84.7 ON MAY 8	0.283 ON NOV 10	894 000	1943
1944	---	45.3 ON MAY 15	0 ON APR 19	483 000	1944
1945	---	78.2 ON JUN 2	0 ON SEP 15	708 000	1945
1946	---	63.6 ON FEB 13	0 ON JUL 22	691 000	1946
1947	---	138 ON JUN 21	0.028 ON NOV 13	1 290 000	1947
1948	---	---	---	---	1948
1949	---	116 ON JUN 27	0 ON APR 24	832 000	1949
1950	---	37.1 ON JUL 8	0 ON MAY 16	462 000	1950
1951	---	131 ON OCT 28	0 ON APR 11	1 290 000	1951
1952	---	66.3 ON JUN 9	0 ON APR 16	882 000	1952
1953	---	---	---	---	1953
1954	---	133 ON JUN 7	0 ON MAR 4	1 120 000	1954
1955	---	82.4 ON NOV 5	0 ON MAY 14	730 000	1955
1956	---	91.2 ON JUN 2	0 ON APR 10	1 020 000	1956
1957	---	148 ON JUL 5	0 ON JUN 4	1 220 000	1957
1958	---	81.8 ON JAN 1	0 ON APR 4	782 000	1958
1959	---	85.6 ON MAY 13	0 ON APR 16	845 000	1959
1960	---	161 ON MAY 11	0.311 ON APR 23	1 780 000	1960
1961	---	71.1 ON MAY 14	0 ON APR 15	870 000	1961
1962	---	87.8 ON MAR 8	0 ON APR 28	841 000	1962
1963	---	47.8 ON SEP 4	0 ON APR 3	703 000	1963
1964	---	76.0 ON APR 7	0 ON APR 16	857 000	1964
1965	---	141 ON SEP 24	0 ON APR 14	1 180 000	1965
1966	---	119 ON DEC 5	0 ON APR 12	1 250 000	1966
1967	---	144 ON JUN 17	0.566 ON NOV 4	1 720 000	1967
1968	---	88.6 ON FEB 1	0 ON APR 2	1 180 000	1968
1969	---	78.0 ON MAR 25	0 ON APR 16	1 280 000	1969
1970	---	159 ON JUN 4	0 ON APR 16	1 410 000	1970
1971	---	83.5 ON APR 1	0 ON APR 21	842 000	1971
1972	---	122 ON MAY 10	0.057 ON APR 27	1 320 000	1972
1973	---	95.7 ON MAY 19	3.91 ON MAR 28	1 080 000	1973
1974	---	83.0 ON NOV 14	0 ON OCT 1	808 000	1974
1975	---	78.2 ON MAR 1	0 ON APR 28	788 000	1975
1976	---	113 ON MAY 19	0 ON APR 15	1 020 000	1976
1977	---	72.5 ON NOV 12	0 ON JAN 1	622 000	1977
1978	---	147 ON OCT 13	0 ON APR 20	1 120 000	1978
1979	---	272 ON APR 30 *	3.43 ON NOV 7	1 330 000	1979
1980	---	112 ON MAY 13	0.311 ON APR 10	1 020 000	1980
1981	---	142 ON APR 20	8.57 ON APR 3	1 240 000	1981
1982	---	80.0 ON APR 25	0 ON JUL 5	833 000	1982
1983	---	113 ON MAY 10	0 ON APR 14	998 000	1983
1984	---	95.7 ON JUN 30	3.20 ON OCT 6	1 080 000	1984
1985	---	74.4 ON APR 29	0.600 ON NOV 7	931 000	1985
1986	---	85.9 ON JUN 17	0 ON APR 16	810 000	1986
1987	---	54.3 ON FEB 24	0 ON APR 14	527 000	1987
1988	---	71.0 ON MAR 15	3.60 ON JUN 23	887 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		883 000	MEAN

TEMAGAMI RIVER NEAR RIVER VALLEY - STATION NO. 02DC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	38.1	---	1941
1942	38.8	36.8	48.0	66.9	21.5	29.7	13.8	16.9	9.87	8.88	9.52	18.3	25.7	1942
1943	24.2	32.1	41.2	42.5	68.3	49.4	17.3	21.8	24.3	16.9	14.9	18.8	30.1	1943
1944	37.8	34.0	37.1	23.9	30.2	28.6	8.67	5.37	14.2	8.76	8.60	20.5	20.9	1944
1945	32.7	40.8	51.7	19.6	28.7	44.5	10.2	24.7	14.5	15.8	53.2	44.0	31.8	1945
1946	43.8	47.0	49.6	22.5	28.4	37.4	18.4	15.3	19.6	18.2	13.4	19.7	27.7	1946
1947	37.2	45.5	62.0	52.6	118	118	58.0	15.7	23.0	26.7	27.4	28.5	48.1	1947
1948	29.2	21.2	17.4	35.6	38.6	26.8	19.3	13.4	20.4	17.1	11.3	16.1	22.2	1948
1949	34.7	36.7	45.1	46.9	44.0	46.2	41.7	17.1	22.2	26.1	22.7	21.7	33.8	1949
1950	23.0	22.8	26.2	33.8	24.7	15.4	20.3	23.5	18.7	20.4	15.9	18.5	21.7	1950
1951	30.8	34.4	31.5	63.7	44.7	27.2	29.8	26.4	10.3	57.2	85.7	66.2	43.2	1951
1952	47.8	51.3	39.3	36.4	34.2	42.7	28.5	28.9	15.8	22.7	20.0	31.1	33.4	1952
1953	38.2	51.2	73.0	73.5	32.8	28.4	23.0	26.8	22.7	24.2	14.7	4.86	36.4	1953
1954	15.8	22.1	23.0	37.7	34.6	86.3	28.3	23.8	18.6	67.3	41.8	48.4	38.1	1954
1955	39.7	46.8	47.4	29.3	19.0	18.1	25.4	8.27	8.97	14.4	41.8	25.8	28.8	1955
1956	48.3	36.8	41.5	16.8	45.5	80.8	28.7	19.8	14.8	36.1	30.0	31.1	34.0	1956
1957	37.3	42.8	50.8	36.8	22.3	30.8	61.8	28.3	18.7	20.8	61.3	41.8	38.8	1957
1958	47.1	51.2	47.0	11.3	29.8	17.1	13.0	10.3	21.4	18.8	8.57	23.8	24.8	1958
1959	28.8	35.7	32.0	22.8	88.8	33.0	24.8	23.8	19.7	19.8	46.8	43.3	32.2	1959
1960	41.4	48.2	46.2	42.5	120	88.4	72.4	38.7	27.3	32.4	43.4	88.8	52.2	1960
1961	84.8	35.4	23.8	18.1	40.4	28.8	18.4	20.8	28.8	38.7	38.2	34.2	30.2	1961
1962	48.7	67.3	48.8	38.4	37.7	23.8	28.7	11.4	15.8	---	---	---	---	1962
MEAN	36.8	38.8	41.1	38.3	43.2	41.0	28.8	20.0	18.4	28.1	30.3	30.8	32.8	MEAN

LOCATION - LAT 48 35 48 N DRAINAGE AREA, 2 480 km^2
LONG 80 11 14 W REGULATED

TEMAGAMI RIVER NEAR RIVER VALLEY - STATION NO. 02DC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	86.6 ON APR 18	1.02 ON OCT 10 *	810 000	1942
1943	---	110 ON MAY 9	5.01 ON JUL 20	848 000	1943
1944	---	80.6 ON MAY 13	4.46 ON OCT 23	882 000	1944
1945	---	83.7 ON JUN 5	3.46 ON OCT 4	998 000	1945
1946	---	85.7 ON MAY 30	2.46E ON JUL 26	875 000	1946
1947	---	148 ON JUN 18	9.86 ON SEP 25	1 550 000	1947
1948	---	78.0 ON APR 23	3.20 ON DEC 3	701 000	1948
1949	---	141 ON JUN 27	8.50E ON APR 28	1 070 000	1949
1950	---	80.4 ON APR 28	4.78 ON AUG 10	885 000	1950
1951	---	128 ON NOV 1	4.46 ON OCT 2	1 380 000	1951
1952	---	84.0 ON JUN 12	6.46 ON SEP 22	1 080 000	1952
1953	---	112 ON MAR 28	2.01 ON DEC 18	1 090 000	1953
1954	---	132 ON JUN 9	3.20RB ON JAN 3	1 200 000	1954
1955	---	78.0 ON NOV 8	2.78 ON AUG 27	848 000	1955
1956	---	80.6 ON JUN 2	4.78 ON SEP 18	1 080 000	1956
1957	---	144 ON JUL 5	2.84 ON SEP 28	1 250 000	1957
1958	---	77.8B ON JAN 1	2.56 ON JUN 14	785 000	1958
1959	---	81.6 ON MAY 7	5.47 ON SEP 8	1 020 000	1959
1960	---	173 ON MAY 11 *	15.2 ON JUL 22	1 650 000	1960
1961	---	78.6 ON JAN 5	4.68 ON JUL 7	854 000	1961
1962	---	81.6 ON FEB 22	6.62 ON AUG 13	---	1962
				1 030 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

THAMES RIVER AT BYRON - STATION NO. 02GE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	7.27	7.07	8.58	---	1922
1923	14.2	8.87	123	83.2	55.8	17.8	8.02	5.85	11.9	7.42	12.3	81.8	35.8	1923
1924	52.8	20.6	110	80.2	58.8	11.5	8.83	12.5	7.08	5.44	3.88	7.83	31.7	1924
1925	3.86	70.1	104	18.8	8.25	3.09	2.82	3.13	3.21	4.88	34.8	19.3	22.3	1925
1926	15.6	14.7	142	143	20.3	9.85	3.25	18.0	35.2	47.5	116	23.8	48.3	1926
1927	14.1	40.7	114	23.8	40.2	11.5	40.7	6.84	5.19	8.81	23.8	81.1	32.7	1927
1928	45.0	34.4	85.8	89.8	12.2	28.7	17.4	12.6	5.03	21.5	63.7	63.1	37.5	1928
1929	56.5	14.0	185	112	58.1	7.15	4.86	3.34	3.00	4.15	7.73	5.01	38.5	1929
1930	100	152	87.1	80.8	13.8	12.8	3.71	2.61	3.23	4.13	3.80	5.72	35.0	1930
1931	3.40	5.18	89.3	66.2	18.7	5.81	17.1	8.74	5.83	---	---	---	---	1931
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	---	---	86.8	36.4	16.6	---	---	---	---	---	---	---	---	1938
1939	---	---	---	120	8.00	---	---	---	---	---	---	---	---	1939
1940	---	---	---	178	40.8	---	---	---	---	---	---	---	---	1940
1941	---	---	---	57.0	---	---	---	---	---	---	---	---	---	1941
1942	---	---	125	36.2	---	---	---	---	---	---	---	---	---	1942
1943	---	---	174	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	75.0	72.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	139	87.3	---	---	---	---	---	---	---	---	---	1945
1946	---	---	122	9.30	---	---	---	---	---	---	---	---	---	1946
1947	---	---	---	208	52.8	---	---	---	---	---	---	---	---	1947
1948	---	---	189	87.8	88.8	8.84	---	---	---	---	---	---	---	1948
1949	---	---	81.1	33.8	10.0	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	184	118	28.7	---	---	---	---	---	---	---	---	1951
1952	---	---	117	88.7	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	32.1	---	---	---	---	---	---	---	---	---	1953
1955	---	---	138	85.0	12.2	---	---	2.04	1.27	8.95	18.7	27.5	---	1955
1956	11.3	15.8	139	106	122	11.8	15.2	36.1	22.7	13.1	13.5	50.3	47.6	1956
1957	43.8	54.7	84.1	63.7	26.4	16.3	22.8	4.70	13.5	9.46	47.6	98.5	36.6	1957
1958	17.0	12.0	88.7	26.3	8.84	8.28	7.36	3.83	8.88	4.90	12.8	10.2	15.3	1958
1959	20.0	28.6	128	121	28.3	11.6	8.87	8.86	8.80	26.2	48.7	86.0	40.7	1959
1960	30.4	38.3	48.4	212	80.8	28.1	8.53	5.74	4.48	8.18	7.13	4.88	38.1	1960
1961	4.09	43.3	46.8	51.2	34.1	10.2	11.0	10.1	7.05	5.22	18.7	27.8	22.3	1961
1962	8.63	8.78	108	41.2	13.4	8.17	4.05	4.21	3.50	7.38	18.7	20.0	20.6	1962
1963	8.00	8.09	140	37.4	23.2	7.85	4.22	3.62	3.84	3.28	3.58	3.09	20.4	1963
1964	14.8	14.0	88.8	47.3	14.2	8.15	4.08	24.5	10.3	8.85	8.83	37.8	20.3	1964
1965	42.8	102	84.1	130	17.5	8.88	8.31	4.14	3.88	10.2	28.8	84.3	43.8	1965
1966	26.8	46.3	78.5	44.5	24.7	21.4	8.76	8.36	8.33	9.26	39.1	107	35.0	1966
1967	58.4	28.5	84.5	113	26.8	36.8	18.8	23.1	13.1	63.8	91.5	81.8	54.2	1967
1968	33.4	128	102	34.8	13.5	15.7	10.2	8.02	15.1	26.7	41.7	63.3	38.8	1968
1969	67.5	82.2	104	110	50.3	18.7	7.33	8.34	8.78	7.38	22.1	18.4	38.7	1969
1970	10.8	18.3	84.1	88.8	28.0	8.34	10.0	6.45	8.75	13.2	35.2	84.0	28.0	1970
1971	22.8	34.4	108	104	12.8	7.63	8.15	8.88	8.24	8.02	8.00	18.8	28.0	1971
1972	24.3	10.7	88.7	120	30.8	10.8	13.5	11.7	7.85	17.4	38.3	88.7	37.0	1972
1973	84.5	38.1	174	46.8	34.8	18.0	8.15	7.54	8.03	10.0	40.0	38.4	42.4	1973
1974	88.3	48.8	110	73.2	80.0	18.8	12.7	8.87	7.87	9.08	18.3	18.7	40.8	1974
1975	52.8	81.4	108	118	18.3	19.4	8.58	12.8	21.3	14.8	18.8	37.8	40.7	1975
1976	25.8	143	181	88.7	48.8	11.8	23.8	28.7	18.0	18.1	32.8	18.0	80.7	1976
1977	8.03	11.7	214	88.1	14.8	8.81	6.84	8.88	38.1	80.3	48.7	87.8	48.8	1977
1978	20.0	18.3	80.2	230	30.1	12.2	7.48	8.48	18.0	21.7	18.4	38.1	40.8	1978
1979	34.8	13.8	187	147	27.8	12.7	8.44	8.83	8.08	15.0	84.3	88.7	48.7	1979
1980	38.8	13.3	104	88.8	28.3	18.8	18.8	11.3	12.8	18.8	13.4	30.8	32.7	1980
1981	8.82	154	47.7	44.8	27.7	18.0	7.89	8.71	48.3	83.3	37.2	34.8	38.8	1981
1982	20.4	11.0	144	185	20.8	28.3	11.8	11.7	22.4	20.1	77.4	128	85.8	1982
1983	36.8	81.1	36.3	86.8	78.4	23.1	19.3	42.8	18.8	21.8	38.2	72.7	42.0	1983
1984	15.3	181	84.3	84.8	28.8	48.8	21.1	11.0	32.3	15.8	38.2	84.4	48.8	1984
1985	38.8	113	228	111	14.3	14.0	13.2	17.8	25.0	41.0	104	80.3	83.8	1985
1986	81.7	28.0	158	43.8	28.8	22.2	14.8	14.1	78.1	88.1	31.8	83.8	52.0	1986
1987	30.8	18.4	83.1	72.0	13.8	14.8	11.0	8.18	8.08	10.8	32.7	78.2	32.8	1987
1988	22.7	38.2	87.2	42.1	18.1	7.88	7.84	8.88	8.14	28.2	82.3	37.2	30.8	1988
MEAN	31.8	48.4	113	82.4	31.2	16.1	11.2	10.8	14.1	18.8	33.8	48.2	38.1	MEAN

LOCATION - LAT 42 57 47 N DRAINAGE AREA, 3 110 km²
LONG 81 19 88 W REGULATED SINCE 1983

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	426 ON MAY 21	4.11 ON JUL 8	1 130 000	1923
1924	---	367 ON MAR 29	3.09 ON NOV 11	1 000 000	1924
1925	---	487 ON MAR 19	1.67E ON SEP 5	703 000	1925
1926	---	857 ON MAR 23	2.89E ON JUL 17	1 550 000	1926
1927	---	378 ON JUL 24	3.86 ON SEP 19	1 020 000	1927
1928	---	385 ON MAR 25	4.58E ON AUG 16	1 180 000	1928
1929	---	750 ON MAR 15	3.00E ON SEP 1	1 230 000	1929
1930	---	241 ON APR 2	1.70 ON OCT 4	1 100 000	1930
1931	---	405 ON MAR 29	---	---	1931
1932	1 470 ON APR 27 *	---	---	---	1932
1933	988 AT 08:00 EST ON FEB 7	775 ON FEB 7	---	---	1933
1934	---	388 ON APR 16	---	---	1934
1935	---	683 ON APR 8	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	557 ON MAR 17	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	603 ON MAR 7	---	---	1941
1942	---	1 200 ON APR 6 *	---	---	1942
1943	1 270 AT 05:00 EST ON MAR 20	1 010 ON MAR 20	---	---	1943
1944	---	---	---	---	1944
1945	1 180 AT 20:30 EST ON APR 4	864 ON APR 4	---	---	1945
1946	---	473 ON MAR 31	---	---	1946
1947	---	383 ON APR 14	---	---	1947
1948	367 AT 15:00 EST ON MAR 18	311 ON MAR 18	---	---	1948
1949	---	538E ON MAR 12	---	---	1949
1950	954 AT 12:00 EST ON MAR 7	736 ON MAR 7	5.84 ON AUG 3	1 510 000	1950
1951	883 AT 15:00 EST ON DEC 21	620 ON DEC 21	3.75 ON JUN 20	1 220 000	1951
1952	151 AT 14:00 EST ON MAR 24	142 ON MAR 24	1.80 ON JUN 11	484 000	1952
1953	886 AT 21:00 EST ON APR 3	496 ON APR 3	3.85 ON AUG 4	1 280 000	1953
1954	898 AT 15:00 EST ON MAR 31	818 ON MAR 31	3.86 ON SEP 13	1 200 000	1954
1955	273 AT 18:00 EST ON FEB 24	264 ON FEB 25	3.00 ON OCT 20	704 000	1955
1956	286 AT 06:00 EST ON MAR 25	270 ON MAR 25	2.24 ON JUL 14	848 000	1956
1957	888 AT 18:00 EST ON MAR 26	851 ON MAR 27	2.86 ON AUG 28	843 000	1957
1958	245 AT 10:00 EST ON APR 7	230 ON DEC 26	1.71 ON OCT 30	841 000	1958
1959	818 AT 07:00 EST ON FEB 11	782 ON FEB 11	1.69 ON JUL 24	1 380 000	1959
1960	868 AT 02:30 EST ON DEC 8	828 ON DEC 8	2.83 ON JUL 12	1 100 000	1960
1961	575 AT 18:00 EST ON APR 3	483 ON APR 3	6.07 ON SEP 8	1 710 000	1961
1962	877 AT 04:50 EST ON FEB 3	801 ON FEB 3	1.33 ON MAY 30 *	1 280 000	1962
1963	848 AT 04:30 EST ON JAN 31	800 ON JAN 31	3.03 ON SEP 25	1 250 000	1963
1964	---	---	---	---	1964
1965	385 AT 16:51 EST ON APR 8	317 ON APR 8	5.24 ON SEP 13	818 000	1965
1966	487 AT 15:32 EST ON APR 3	388 ON APR 3	2.86 ON MAY 21	862 000	1966
1967	483 AT 22:05 EST ON MAR 23	408 ON MAR 23	2.59 ON OCT 6	1 170 000	1967
1968	581 AT 12:41 EST ON MAR 12	521 ON MAR 12	4.70 ON SEP 8	1 340 000	1968
1969	851 AT 18:34 EST ON MAR 8	588 ON MAR 8	5.86 ON SEP 27	1 280 000	1969
1970	719 AT 02:00 EST ON APR 20	584 ON APR 20	6.23 ON JUL 8	1 280 000	1970
1971	818 AT 04:07 EST ON MAR 8	663 ON MAR 8	6.27 ON JUN 13	1 610 000	1971
1972	886 AT 02:27 EST ON MAR 14	815 ON MAR 14	6.18 ON JUN 15	1 470 000	1972
1973	837 AT 05:08 EST ON APR 2	563 ON APR 2	5.18 ON AUG 27	1 290 000	1973
1974	808 AT 08:37 EST ON APR 14	695 ON APR 14	6.84 ON JUL 22	1 570 000	1974
1975	588 AT 02:12 EST ON MAR 22	502 ON MAR 22	6.82 ON AUG 28	1 030 000	1975
1976	654 AT 03:32 EST ON FEB 24	594 ON FEB 24	6.07 ON JUL 17	1 280 000	1976
1977	834 AT 10:51 EST ON APR 1	771 ON APR 1	5.78 ON AUG 22	1 750 000	1977
1978	359 AT 10:06 EST ON MAY 3	328 ON MAY 3	8.35 ON JUL 28	1 330 000	1978
1979	806 AT 03:17 EST ON FEB 15	732 ON FEB 15	7.39 ON AUG 28	1 840 000	1979
1980	818 AT 04:57 EST ON FEB 25	788 ON FEB 25	3.60 ON JUN 15	2 020 000	1980
1981	847 AT 08:48 EST ON MAR 20	676 ON MAR 20	7.31 ON SEP 4	1 840 000	1981
1982	370 AT 11:41 EST ON MAR 9	352 ON MAR 9	4.76 ON MAY 23	1 030 000	1982
1983	---	286 ON MAR 27	4.18 ON JUL 10	888 000	1983
MEAN				1 200 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT INGERSOLL - STATION NO. 02GD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	4.78	2.80	4.87	1.21	2.17	1.75	5.70	12 4	---	1957
1958	2.80	2.21	8.84	4.19	1.84	1.68	2.10	1.01	1.91	1.24	2.08	1.72	2.83	1958
1959	3.25	8.23	18.1	15.0	4.61	1.90	1.35	1.25	1.26	4.13	8.46	7.48	5.82	1959
1960	5.29	6.81	8.72	27.8	7.85	4.78	1.72	1.38	0.858	1.05	1.42	1.42	5.81	1960
1961	0.788	8.30	8.86	8.75	4.56	1.81	1.56	1.78	1.45	0.884	2.52	2.75	3.07	1961
1962	1.68	1.81	17.2	5.23	2.02	1.74	0.868	1.18	1.04	1.84	3.84	4.26	3.61	1962
1963	1.68	0.873	18.0	5.47	3.27	1.81	0.815	0.840	0.833	0.812	0.890	0.783	2.86	1963
1964	1.86	1.57	7.48	6.86	2.78	1.02	0.948	4.52	1.64	1.02	1.28	4.85	3.01	1964
1965	5.75	17.2	15.5	21.0	3.47	1.08	0.780	0.788	0.858	1.52	3.01	8.18	5.50	1965
1966	3.85	8.48	11.4	6.83	4.18	2.13	1.24	1.13	1.06	1.05	3.87	13.3	4.80	1966
1967	7.47	3.20	10.5	15.0	4.77	8.49	3.76	3.58	2.12	8.58	8.85	12.5	7.00	1967
1968	4.81	23.5	13.9	5.58	1.80	2.81	2.23	1.62	1.44	2.52	3.28	7.24	5.80	1968
1969	12.8	8.87	11.0	13.0	8.30	2.03	1.38	1.18	1.23	1.28	3.43	2.38	5.46	1969
1970	1.84	3.28	7.87	8.08	2.67	4.67	2.78	1.70	1.54	2.18	4.28	8.12	4.03	1970
1971	2.88	4.28	13.7	11.4	1.98	1.38	1.35	1.38	1.18	1.10	1.01	2.48	3.87	1971
1972	3.42	1.85	18.1	15.0	3.78	2.31	3.74	3.18	1.95	2.58	5.88	7.83	5.84	1972
1973	10.4	8.48	26.2	7.96	4.22	2.46	1.74	1.77	1.41	2.44	5.82	7.52	6.83	1973
1974	13.3	8.58	16.2	10.1	10.8	3.52	2.68	2.80	2.28	2.03	4.07	4.59	6.88	1974
1975	8.02	10.3	15.0	12.2	3.18	4.42	1.86	2.71	4.62	2.24	4.13	6.46	6.28	1975
1976	4.21	18.3	28.8	8.07	8.47	2.87	4.62	8.48	2.42	3.80	4.48	3.23	7.76	1976
1977	1.81	2.35	25.5	8.80	3.24	1.72	2.37	2.80	7.84	10.2	8.42	14.4	7.38	1977
1978	4.28	3.88	14.5	24.8	4.45	2.28	2.31	1.80	3.38	3.81	3.32	4.22	5.05	1978
1979	7.32	3.17	18.8	23.2	4.82	2.49	1.63	1.81	1.81	2.72	7.28	11.8	7.31	1979
1980	8.81	2.88	14.8	12.3	4.88	2.88	2.38	2.40	3.08	3.78	2.38	4.88	5.28	1980
1981	1.80	20.4	8.28	8.80	4.81	2.38	1.47	2.70	8.83	8.26	8.20	3.42	8.80	1981
1982	3.01	1.72	21.1	23.8	2.72	8.84	2.34	2.07	4.80	4.35	10.5	18.2	8.47	1982
1983	8.09	8.13	8.88	7.85	10.8	4.87	3.88	8.84	3.88	4.38	8.04	11.3	8.75	1983
1984	3.08	28.8	11.0	10.3	4.18	8.48	4.21	1.78	3.01	3.80	4.84	7.81	7.23	1984
1985	8.47	14.8	31.3	18.8	2.18	2.28	3.82	4.48	4.47	8.80	17.3	8.18	8.81	1985
1986	7.88	4.40	21.1	8.88	8.04	4.02	3.27	2.17	4.48	12.1	8.18	8.78	7.08	1986
1987	8.34	2.47	11.2	13.8	2.27	3.24	3.81	2.03	2.18	2.82	4.88	11.1	8.38	1987
1988	3.30	4.78	10.1	8.86	2.88	2.00	2.04	1.82	1.37	3.08	8.88	4.12	3.87	1988
MEAN	4.87	7.83	14.8	11.8	4.38	3.00	2.38	2.38	2.80	3.32	4.88	7.11	8.73	MEAN

LOCATION - LAT 43 02 20 N DRAINAGE AREA, 818 km²
LONG 80 53 08 W REGULATED

THAMES RIVER AT INGERSOLL - STATION NO. 02GD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	87.4 AT 18:00 EST ON DEC 21	83.4 ON DEC 21	0.880 ON AUG 23	---	1957
1958	17.8 AT 04:00 EST ON MAR 25	18.8 ON MAR 24	0.783 ON AUG 18	83 000	1958
1959	88.8 AT 18:00 EST ON APR 2	80.3 ON APR 2	0.782 ON AUG 14	187 000	1959
1960	188 AT 13:00 EST ON MAR 31	143 ON MAR 31 *	0.844E ON SEP 6	184 000	1960
1961	38.8 AT 10:00 EST ON FEB 24	38.6 ON FEB 24	0.708E ON FEB 11	98 800	1961
1962	88.8 AT 18:00 EST ON MAR 12	42.8 ON MAR 13	0.484 ON JUL 18	114 000	1962
1963	88.8 AT 11:30 EST ON MAR 28	81.8 ON MAR 28	0.483 ON AUG 24	84 100	1963
1964	30.8 AT 13:30 EST ON DEC 28	28.4 ON DEC 28	0.884 ON JUL 31	88 400	1964
1965	184 AT 01:00 EST ON FEB 11 *	130 ON FEB 11	0.428 ON JUL 1 *	206 000	1965
1966	87.8 AT 10:05 EST ON DEC 8	78.3 ON DEC 8	0.844 ON JUL 28	181 000	1966
1967	83.0 AT 07:30 EST ON APR 3	48.2 ON APR 3	1.38 ON JUL 13	221 000	1967
1968	148 AT 14:00 EST ON FEB 2	118 ON FEB 2	1.13 ON SEP 30	184 000	1968
1969	81.7 AT 20:30 EST ON JAN 30	88.0 ON JAN 30	0.852 ON AUG 18	172 000	1969
1970	28.1 AT 02:38 EST ON APR 4	28.1 ON APR 4	1.28 ON AUG 27	127 000	1970
1971	40.8 AT 04:55 EST ON MAR 18	37.7 ON MAR 18	0.782 ON NOV 14	118 000	1971
1972	58.2 AT 18:10 EST ON MAR 22	51.3 ON MAR 22	1.38 B ON FEB 20	178 000	1972
1973	88.8 AT 00:28 EST ON MAR 18	84.7 ON MAR 18	1.28 E ON JUL 23	208 000	1973
1974	88.2 AT 08:08 EST ON MAR 5	84.4 ON JAN 28	1.80 ON AUG 21	211 000	1974
1975	88.5 AT 18:27 EST ON FEB 24	88.8 ON FEB 24	1.18 ON JUL 17	188 000	1975
1976	108 AT 18:88 EST ON MAR 5	88.1 ON MAR 5	1.78 ON SEP 18	248 000	1976
1977	88.7 AT 03:38 EST ON MAR 13	88.2 ON MAR 13	1.08 B ON JAN 28	232 000	1977
1978	78.7 AT 20:00 EST ON APR 1	83.4 ON APR 2	1.44 ON AUG 14	181 000	1978
1979	133 AT 12:42 EST ON APR 14	87.8 ON APR 14	1.08 ON AUG 18	231 000	1979
1980	78.3 AT 14:21 EST ON MAR 21	88.2 ON MAR 21	1.17 ON JUL 28	188 000	1980
1981	88.8 AT 14:44 EST ON FEB 23	88.0 ON FEB 18	0.888 ON JUL 27	177 000	1981
1982	82.8 AT 14:13 EST ON APR 3	74.8 ON MAR 31	1.04 ON AUG 24	287 000	1982
1983	48.3 AT 03:14 EST ON AUG 1	37.2 ON AUG 1	1.70 ON JUL 28	213 000	1983
1984	108 AT 13:48 EST ON FEB 14	88.8 ON FEB 14	1.81 ON AUG 28	228 000	1984
1985	111 AT 23:35 EST ON FEB 24	87.8 ON FEB 25	1.88 ON AUG 7	312 000	1985
1986	88.4 AT 18:08 EST ON MAR 18	88.1 ON MAR 18	1.87 ON SEP 8	223 000	1986
1987	48.3 AT 01:82 EST ON MAR 8	42.7 ON APR 8	1.88 ON AUG 1	188 000	1987
1988	---	28.8 ON MAR 8	1.14 E ON SEP 1	128 000	1988
				181 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	0.123	0.075	0.322	0.234	0.824	0.985	---	1978
1979	1.61	0.598	9.26	8.44	1.24	0.453	0.220	0.147	0.124	0.184	2.46	4.39	2.27	1979
1980	1.70	0.827	7.97	4.61	1.11	0.783	0.273	0.119	0.214	0.473	0.485	1.40	1.81	1980
1981	0.153	7.50	1.48	1.68	0.886	0.218	0.082	0.081	0.750	2.27	1.13	0.817	1.38	1981
1982	0.756	0.218	8.62	8.73	0.803	1.48	0.232	0.484	2.82	0.818	4.82	8.87	2.88	1982
1983	1.16	2.31	1.89	3.23	3.45	1.10	1.13	2.40	0.452	0.783	1.87	3.80	1.88	1983
1984	0.733	7.30	2.82	2.31	0.885	0.944	0.295	0.100	0.708	0.348	1.30	3.08	1.77	1984
1985	1.51	5.42	9.35	4.83	0.304	0.882	1.15	3.28	1.01	1.81	5.87	2.22	3.00	1985
1986	1.83	0.734	7.75	1.95	1.28	0.808	0.204	0.130	1.89	2.82	1.33	3.04	1.88	1986
1987	1.20	0.478	5.86	3.83	0.818	0.480	0.378	0.127	0.218	0.808	1.88	3.93	1.87	1987
1988	0.756	1.14	4.40	1.88	0.814	0.117	0.080	0.037	0.081	0.422	2.03	1.23	1.08	1988
MEAN	1.10	2.83	5.08	3.71	1.13	0.703	0.378	0.843	0.771	0.878	2.16	2.78	1.88	MEAN

LOCATION - LAT 43 12 55 N LONG 80 41 24 W DRAINAGE AREA, 149 km²
REGULATED

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	0.040 ON AUG 15	---	1978
1979	73.1 AT 07:12 EST ON APR 14	60.8 ON APR 14	0.089 ON SEP 29	71 800	1979
1980	---	69.08 ON MAR 15 *	0.0258 ON AUG 23	59 900	1980
1981	35.0 AT 18:30 EST ON FEB 23	30.2 ON FEB 20	0 ON AUG 26 *	43 600	1981
1982	87.7 AT 18:52 EST ON MAR 31	69.1 ON MAR 31	0.057 ON AUG 15	94 100	1982
1983	27.3 AT 19:38 EST ON MAY 2	17.9 ON AUG 12	0.008 ON JUL 28	61 500	1983
1984	77.38 AT 20:08 EST ON FEB 14 *	40.08 ON FEB 14	0.028 ON AUG 24	58 100	1984
1985	84.78 AT 22:30 EST ON FEB 24	49.1 ON FEB 25	0.052 ON AUG 6	94 800	1985
1986	52.1 AT 17:31 EST ON MAR 19	36.2 ON MAR 19	0.038 ON SEP 3	59 300	1986
1987	36.4 AT 15:00 EST ON MAR 8	20.2 ON APR 5	0.049 ON AUG 1	48 500	1987
1988	---	15.7 ON MAR 25	0.008 ON AUG 22	34 500	1988
				61 600	MEAN

S - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	48.8	20.2	13.8	12.2	17.3	11.9	18.7	21.6	---	1914
1915	43.6	123	49.7	41.0	13.7	10.4	18.5	44.3	25.8	27.3	37.8	24.0	38.2	1915
1916	208	36.2	76.6	87.3	84.4	56.7	7.82	3.88	3.27	6.57	5.27	19.8	51.3	1916
1917	12.8	1.71	148	77.6	80.7	80.3	76.6	8.22	4.08	14.2	14.4	19.1	41.8	1917
1918	23.5	57.6	182	37.7	18.8	10.1	3.70	1.25	11.6	7.21	18.4	64.8	36.4	1918
1919	36.8	23.7	107	86.7	78.4	11.8	2.67	1.88	3.02	7.08	18.4	18.4	31.0	1919
1920	8.18	8.34	133	80.2	13.8	4.84	8.93	5.87	4.18	7.44	24.7	80.8	28.8	1920
1921	42.3	14.5	108	78.2	20.8	8.34	24.8	5.12	8.80	13.8	28.3	85.8	34.8	1921
1922	25.8	88.3	81.6	122	14.4	27.3	8.14	8.41	8.01	8.38	8.80	---	---	1922
MEAN	48.8	41.2	108	71.0	40.8	23.8	18.2	8.87	8.38	11.1	18.2	38.1	37.0	MEAN

LOCATION - LAT 42 57 50 N LONG 81 23 32 W DRAINAGE AREA, 3 280 km²
REGULATED

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	490 ON FEB 18	8.23 ON MAY 23	1 210 000	1915
1916	---	524 ON JAN 6	1.58 ON NOV 6	1 620 000	1916
1917	---	558 ON MAR 24	0 ON JAN 18 *	1 320 000	1917
1918	---	498 ON MAR 20	0 ON AUG 20	1 110 000	1918
1919	---	478 ON MAR 17	0.340 ON JUL 22	878 000	1919
1920	---	518 ON MAR 12	2.48 ON AUG 5	840 000	1920
1921	---	560 ON DEC 16 *	2.83 ON JUL 6	1 090 000	1921
1922	---	487 ON APR 12	2.36 ON SEP 1	---	1922
				1 170 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	113	48.7	22.5	---	---	---	---	---	---	---	---	1938
1939	---	---	---	155	13.9	---	---	---	---	---	---	---	---	1939
1940	---	---	---	191	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	---	8.85	---	---	---	---	---	---	---	---	1941
1945	---	---	174	83.2	---	---	---	---	---	---	---	---	---	1945
1946	---	---	152	17.1	24.2	---	---	---	---	---	---	---	---	1946
1947	---	---	127	276	82.7	---	---	---	---	---	---	---	---	1947
1948	---	---	242	76.5	87.2	---	---	---	---	---	---	---	---	1948
1949	---	---	98.4	47.4	20.0	---	---	---	---	---	---	---	---	1949
1951	---	---	158	179	---	---	---	---	---	---	---	---	---	1951
1955	---	---	182	81.3	17.0	5.11	4.20	2.77	3.24	9.09	29.5	38.5	---	1955
1956	14.2	22.5	196	122	184	17.4	20.4	31.0	47.9	15.1	14.4	81.5	63.4	1956
1957	58.4	62.3	99.5	93.9	38.3	15.4	35.9	5.61	17.7	17.1	62.5	134	53.3	1957
1958	30.8	18.5	87.4	39.0	10.5	10.4	5.47	4.51	11.6	8.99	18.5	17.0	22.1	1958
1959	27.2	50.4	162	138	45.5	18.4	7.08	6.92	6.00	30.2	87.1	76.7	53.6	1959
1960	50.6	52.0	38.7	276	84.8	51.6	11.3	7.28	5.75	5.79	9.06	8.84	50.0	1960
1961	4.81	43.7	83.3	82.8	46.2	17.9	12.4	14.1	9.43	5.74	21.2	36.0	28.7	1961
1962	15.8	14.5	150	61.6	17.5	9.04	4.15	6.22	4.09	5.45	26.9	28.5	28.0	1962
1963	11.4	6.73	152	89.5	37.4	10.8	4.88	3.40	3.75	3.61	4.71	4.07	26.2	1963
1964	18.2	23.5	78.5	88.2	27.5	6.32	5.19	28.6	12.9	5.74	5.53	40.2	28.7	1964
1965	85.2	142	142	152	26.2	8.73	4.34	3.82	4.41	12.6	30.3	104	56.3	1965
1966	37.7	70.1	101	88.9	35.0	25.6	5.81	8.05	7.76	8.77	37.6	134	44.3	1966
1967	82.8	40.5	98.0	148	43.5	40.8	28.4	24.6	13.2	85.6	98.1	113	64.2	1967
1968	47.6	134	128	61.0	22.9	33.4	17.3	12.5	16.1	28.4	38.7	83.0	53.1	1968
1969	83.3	140	101	133	73.8	29.2	12.0	8.48	7.98	9.26	26.8	33.8	64.4	1969
1970	16.8	28.6	71.7	118	34.0	12.5	12.5	8.72	7.41	11.8	34.1	73.1	35.6	1970
1971	33.7	67.8	148	114	17.1	9.31	6.39	7.88	7.33	7.73	11.2	23.7	36.7	1971
1972	36.2	19.5	132	148	42.0	16.4	20.1	18.1	8.63	20.5	58.7	73.2	49.6	1972
1973	120	47.1	228	71.0	48.2	23.4	11.2	8.77	7.88	10.4	44.3	86.7	57.6	1973
1974	134	80.2	144	86.6	102	23.9	17.3	10.3	8.48	10.6	23.6	28.1	57.4	1974
1975	78.2	81.7	148	135	28.2	26.1	13.3	19.8	41.7	18.6	20.0	52.0	55.6	1975
1976	36.6	177	263	82.2	72.0	17.2	38.6	37.6	19.2	22.8	38.4	24.6	68.6	1976
1977	11.3	16.3	292	95.8	24.4	11.1	16.4	12.0	62.3	70.6	66.6	158	69.6	1977
1978	39.8	27.4	129	285	48.2	17.2	8.31	8.72	20.6	24.4	22.7	39.8	53.6	1978
1979	64.0	30.2	198	218	47.0	19.3	11.0	12.4	11.3	18.4	78.0	114	67.2	1979
1980	68.2	18.4	132	121	38.1	25.2	23.4	20.6	20.2	25.2	18.7	41.2	46.4	1980
1981	13.3	187	68.1	72.9	43.6	22.4	12.0	13.6	61.7	66.3	63.8	44.3	64.7	1981
1982	46.6	15.8	188	214	26.6	45.7	18.3	16.3	25.7	26.6	110	173	76.1	1982
1983	66.0	74.6	61.6	84.9	112	46.4	23.2	66.2	23.9	24.6	46.9	123	61.3	1983
1984	17.6	323	130	76.6	41.1	71.3	31.4	16.3	47.3	21.6	64.0	76.0	69.3	1984
1985	77.6	129	269	158	21.1	20.6	16.6	20.3	32.6	80.0	148	73.6	85.6	1985
1986	72.7	61.6	193	84.4	36.6	36.4	20.7	16.2	66.0	130	43.7	86.6	68.6	1986
1987	47.6	21.9	109	103	17.6	17.6	12.6	11.6	11.9	13.6	43.3	109	43.4	1987
1988	28.6	46.1	101	66.7	24.7	8.88	8.63	10.2	8.22	31.3	76.6	46.1	37.2	1988
MEAN	46.3	66.6	142	118	44.3	22.6	14.6	14.9	19.1	25.1	43.6	66.6	62.1	MEAN

LOCATION - LAT 42 32 42 N DRAINAGE AREA, 4 300 km²
LONG 81 56 04 W REGULATED SINCE 1953

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	438 ON APR 18	---	---	1939
1940	---	894 ON APR 10	---	---	1940
1941	---	---	---	---	1941
1945	---	---	---	---	1945
1946	---	549 ON MAR 10	---	---	1946
1947	---	1 0802 ON APR 7 *	---	---	1947
1948	816 AT 15:00 EST ON MAR 22	813 ON MAR 22	---	---	1948
1949	---	521 ON FEB 17	---	---	1949
1951	---	411 ON APR 1	---	---	1951
1955	---	450 ON MAR 14	1.84 ON SEP 7 *	---	1955
1956	---	891 ON MAR 10	8.71 ON AUG 4	2 000 000	1956
1957	---	486 ON DEC 24	3.78 ON AUG 21	1 880 000	1957
1958	---	150 ON MAR 28	3.20 ON AUG 18	887 000	1958
1959	---	419 ON APR 8	4.25 ON SEP 30	1 700 000	1959
1960	---	753 ON APR 8	4.88 ON SEP 7	1 880 000	1960
1961	---	2228 ON FEB 28	3.65B ON JAN 21	834 000	1961
1962	---	261 ON MAR 31	3.03 ON JUL 22	817 000	1962
1963	718 AT 15:00 EST ON MAR 30	714 ON MAR 30	2.48 ON AUG 30	878 000	1963
1964	---	224A ON APR 9	3.17 ON JUN 30	844 000	1964
1965	7258 AT 07:00 EST ON MAR 6	7148 ON MAR 6	3.03 ON AUG 28	1 770 000	1965
1966	803 AT 08:00 EST ON DEC 11	692 ON DEC 11	3.99 ON JUL 15	1 400 000	1966
1967	408 AT 12:00 EST ON APR 8	402 ON APR 8	7.99 ON SEP 15	2 020 000	1967
1968	8368 AT 11:00 EST ON FEB 5	8278 ON FEB 5	8.72 ON JUL 28	1 880 000	1968
1969	9998 AT 20:47 EST ON FEB 2	5388 ON FEB 2	4.87 ON SEP 27	1 710 000	1969
1970	284 AT 01:31 EST ON APR 5	269 ON APR 5	5.32 ON AUG 25	1 120 000	1970
1971	348 AT 22:03 EST ON APR 4	328 ON APR 4	4.90 ON JUL 8	1 180 000	1971
1972	380 AT 08:08 EST ON APR 18	361 ON APR 19	1.81 ON OCT 8	1 570 000	1972
1973	513 AT 04:01 EST ON MAR 15	488 ON MAR 15	5.34 ON SEP 13	1 810 000	1973
1974	524 AT 08:54 EST ON MAR 6	516 ON MAR 8	8.16 ON AUG 21	1 810 000	1974
1975	484 AT 11:05 EST ON APR 22	453 ON APR 22	9.23 ON AUG 20	1 780 000	1975
1976	606 AT 22:56 EST ON MAR 8	586 ON MAR 8	10.2 ON SEP 8	2 180 000	1976
1977	980 AT 18:23 EST ON MAR 16 *	948 ON MAR 16	7.48 ON JUN 17	2 180 000	1977
1978	5478 AT 21:15 EST ON MAR 23	530 ON APR 9	7.18 ON SEP 8	1 880 000	1978
1979	886 AT 05:53 EST ON APR 17	678 ON APR 17	8.81 ON JUL 27	2 120 000	1979
1980	---	4882 ON MAR 23	9.35 ON AUG 30	1 470 000	1980
1981	688 AT 04:43 EST ON FEB 28	678 ON FEB 25	7.85 ON JUL 19	1 730 000	1981
1982	880 AT 04:58 EST ON APR 6	873 ON APR 6	8.81 ON AUG 24	2 400 000	1982
1983	---	3358 ON MAY 4	9.13 ON JUL 28	1 930 000	1983
1984	---	7168 ON FEB 17	10.7 ON AUG 28	2 100 000	1984
1985	---	7488 ON FEB 27	8.80 ON AUG 14	2 700 000	1985
1986	456 AT 13:48 EST ON MAR 22	448 ON MAR 22	9.42 ON SEP 9	2 180 000	1986
1987	328 AT 06:32 EST ON APR 6	311 ON APR 6	7.70 ON MAY 25	1 370 000	1987
1988	---	276 ON MAR 28	6.78 ON JUL 10	1 180 000	1988
				1 940 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	7.78	6.34	1.44	0.386	0.254	0.228	0.233	0.240	0.385	0.777	---	1952
1953	1.69	2.45	8.05	2.08	3.35	5.22	0.800	0.343	0.278	0.276	0.345	0.638	2.09	1953
1954	0.892	8.85	8.80	7.87	1.26	0.464	0.193	0.188	0.216	3.45	0.804	2.22	2.80	1954
1955	3.85	1.38	10.4	5.11	0.752	0.277	0.118	0.130	0.138	0.352	1.50	2.05	2.18	1955
1956	0.780	1.12	12.8	8.38	8.66	1.35	1.99	10.0	4.22	1.27	1.01	3.70	4.62	1956
1957	3.33	3.80	4.46	4.80	2.10	1.81	2.20	0.338	0.780	0.624	3.22	8.55	2.84	1957
1958	0.893	0.847	4.52	1.02	0.463	0.272	0.393	0.177	0.727	0.414	0.983	0.779	1.02	1958
1959	1.52	2.48	13.0	10.0	2.71	0.847	0.338	0.285	0.321	1.69	3.54	3.78	3.27	1959
1960	1.72	3.08	3.88	17.7	5.05	2.88	0.807	0.455	0.285	0.320	0.418	0.371	3.02	1960
1961	0.198	2.76	3.65	3.48	2.58	0.868	0.595	0.591	0.550	0.284	1.02	1.59	1.48	1961
1962	0.383	0.500	8.83	2.73	0.831	0.878	0.227	0.286	0.212	0.554	1.46	1.93	1.56	1962
1963	0.647	0.437	9.80	2.32	1.47	0.848	0.278	0.209	0.190	0.184	0.248	0.198	1.37	1963
1964	0.848	0.457	4.30	3.82	1.16	0.365	0.305	1.88	0.450	0.313	0.415	2.46	1.36	1964
1965	2.88	8.47	7.05	13.4	1.50	0.371	0.282	0.182	0.178	0.500	1.50	5.68	3.46	1965
1966	1.79	3.38	6.28	3.35	2.26	1.30	0.328	0.353	0.227	0.300	2.61	7.87	2.49	1966
1967	4.04	1.81	5.26	8.54	2.01	4.15	1.62	2.68	1.64	4.80	8.03	8.18	4.20	1967
1968	1.86	9.68	7.10	2.68	0.463	0.530	0.921	0.698	0.648	1.80	1.42	4.75	2.89	1968
1969	2.62	5.46	8.38	7.64	2.62	0.740	0.845	0.712	0.785	0.400	2.41	1.17	2.86	1969
1970	0.808	1.12	4.58	8.35	1.35	0.728	0.838	1.21	0.832	1.15	2.43	4.42	2.06	1970
1971	1.67	2.07	7.20	8.23	1.09	0.848	0.872	0.612	0.869	0.488	0.528	1.77	2.12	1971
1972	1.82	0.870	8.78	8.82	1.78	1.19	1.86	1.87	1.00	1.17	4.03	4.83	3.26	1972
1973	8.10	3.18	14.1	3.35	2.40	1.18	0.898	0.648	0.783	1.24	2.35	4.00	3.35	1973
1974	8.80	3.80	8.15	3.81	8.69	1.38	1.03	0.872	0.889	0.852	0.848	2.04	3.08	1974
1975	3.81	5.12	7.75	6.78	1.12	2.08	0.744	1.02	2.35	0.800	2.28	3.29	3.08	1975
1976	2.00	8.80	12.8	3.34	4.17	0.853	1.24	2.71	1.18	2.88	2.78	1.24	3.77	1976
1977	0.830	0.857	12.4	5.49	1.80	0.884	1.08	1.28	4.38	8.45	3.45	7.18	3.80	1977
1978	1.80	1.43	8.09	12.8	2.71	0.888	1.11	0.747	1.28	1.48	1.30	1.85	2.78	1978
1979	2.84	1.10	10.1	12.8	2.10	1.22	0.488	1.27	0.845	1.84	3.88	8.41	3.72	1979
1980	2.85	1.06	7.58	5.88	2.51	1.27	0.880	0.812	1.85	1.35	0.784	2.01	2.34	1980
1981	0.848	8.87	2.84	2.16	2.71	0.485	0.378	0.878	2.21	4.28	2.35	1.45	2.44	1981
1982	1.32	0.881	8.87	14.1	0.717	3.05	0.832	1.31	4.04	3.07	8.83	10.3	4.62	1982
1983	2.30	3.88	2.25	3.02	8.42	2.82	1.81	4.88	1.75	2.88	3.53	6.14	3.47	1983
1984	1.16	11.6	4.72	4.78	1.38	2.84	1.35	0.732	1.20	2.00	2.14	3.34	3.05	1984
1985	3.07	5.03	18.6	8.83	0.481	0.706	1.88	2.18	2.84	4.08	8.91	4.18	5.05	1985
1986	3.72	1.82	10.7	1.78	2.50	1.45	1.24	0.888	1.78	7.30	2.38	3.90	3.25	1986
1987	2.03	0.905	5.16	8.82	0.834	0.827	1.28	0.985	1.20	1.29	2.38	7.23	2.58	1987
1988	1.82	2.27	4.81	2.54	1.11	0.513	0.548	0.575	0.538	1.71	3.56	1.85	1.79	1988
MEAN	2.12	3.38	7.78	8.32	2.30	1.26	0.884	1.27	1.17	1.71	2.33	3.87	2.86	MEAN

LOCATION - LAT 43 08 39 N DRAINAGE AREA, 284 km²
LONG 80 46 04 W REGULATED

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	41.1 AT 20:00 EST ON MAR 11	28.2 ON MAR 12	0.170 ON JUN 18	---	1952
1953	58.8 AT 02:00 EST ON JUN 18	32.8 ON JUN 18	0.186 ON NOV 5	65 800	1953
1954	150 AT 20:00 EST ON FEB 16	75.0 ON FEB 16	0.142 ON JUL 15	91 800	1954
1955	---	35.4E ON MAR 11	0.028 ON OCT 23	88 700	1955
1956	180 AT 07:00 EST ON MAR 7 *	121 ON MAR 7 *	0.453 ON AUG 3	146 000	1956
1957	---	45.8 ON DEC 21	0.256 ON AUG 6	88 400	1957
1958	---	12.0 ON MAR 23	0.113 ON AUG 10	32 100	1958
1959	51.8 AT 11:00 EST ON APR 2	50.1 ON APR 2	0.142 ON JUL 18	103 000	1959
1960	71.4B AT 15:00 EST ON MAR 31	64.8B ON MAR 31	0.218 ON SEP 8	95 300	1960
1961	---	15.4B ON FEB 23	0.170B ON JAN 11	48 800	1961
1962	32.3B AT 21:00 EST ON MAR 24	22.8B ON MAR 24	0.088 ON JUL 15	49 400	1962
1963	88.5 AT 06:00 EST ON MAR 28	67.4 ON MAR 26	0.147 ON OCT 14	43 300	1963
1964	20.5 AT 14:30 EST ON APR 7	18.7 ON APR 7	0.176 ON JUL 29	43 000	1964
1965	98.5 AT 02:00 EST ON MAR 8	88.8 ON MAR 8	0.142 ON AUG 24	108 000	1965
1966	83.5 AT 03:30 EST ON DEC 8	57.2 ON DEC 8	0.186 ON SEP 20	78 400	1966
1967	36.5 AT 07:00 EST ON JAN 25	31.7 ON APR 4	0.008 ON JUL 8 *	132 000	1967
1968	51.3B AT 11:15 EST ON FEB 2	30.3B ON FEB 2	0.184 ON MAY 24	84 800	1968
1969	40.8 AT 15:19 EST ON JAN 30	38.3 ON MAR 22	0.014 ON DEC 5	80 300	1969
1970	18.5 AT 19:46 EST ON APR 4	18.4 ON APR 5	0.381B ON JAN 18	65 100	1970
1971	52.4 AT 16:15 EST ON APR 2	23.6 ON APR 4	0.428 ON OCT 27	68 700	1971
1972	30.8 AT 10:31 EST ON MAR 22	27.2 ON APR 15	0.534 ON FEB 25	104 000	1972
1973	38.9 AT 18:27 EST ON MAR 15	36.5 ON MAR 15	0.555 ON OCT 11	108 000	1973
1974	123 AT 10:38 EST ON MAR 8	34.3 ON JAN 26	0.085 ON DEC 3	97 100	1974
1975	30.9 AT 14:56 EST ON APR 23	28.0 ON APR 23	0.584 ON OCT 18	88 400	1975
1976	26.6 AT 20:50 EST ON FEB 29	25.0 ON MAR 1	0.848 ON JUN 22	119 000	1976
1977	35.7 AT 07:42 EST ON MAR 13	34.0 ON MAR 13	0.3378 ON JAN 26	120 000	1977
1978	30.9 AT 22:14 EST ON APR 2	29.2 ON APR 2	0.510 ON NOV 13	87 700	1978
1979	110 AT 07:28 EST ON APR 14	38.8 ON APR 14	0.405 ON JUN 26	117 000	1979
1980	27.2 AT 10:52 EST ON MAR 21	23.4 ON MAR 18	0.200 ON AUG 13	74 100	1980
1981	28.4 AT 00:01 EST ON FEB 24	28.1 ON FEB 24	0.267 ON JUL 15	77 100	1981
1982	54.4 AT 19:30 EST ON APR 1	50.9 ON APR 2	0.573 ON JUL 18	148 000	1982
1983	28.3 AT 12:06 EST ON JUL 31	21.5 ON JUL 31	0.781 ON JUL 27	109 000	1983
1984	31.4 AT 03:35 EST ON FEB 16	31.0 ON FEB 16	0.854 ON AUG 25	86 400	1984
1985	31.9 AT 21:53 EST ON MAR 31	30.8 ON APR 1	0.240 ON AUG 10	159 000	1985
1986	21.7 AT 09:36 EST ON SEP 23	19.8 ON MAR 20	0.887 ON APR 19	104 000	1986
1987	21.0 AT 19:56 EST ON MAR 8	18.5 ON APR 7	0.418 ON MAY 27	81 300	1987
1988	---	18.6 ON MAR 9	0.383 ON DEC 14	58 600	1988
				90 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	5.76	5.43	5.14	5.80	9.71	18.7	---	1971
1972	29.9	13.8	120	138	38.2	14.5	15.7	14.8	8.04	15.5	80.7	70.0	44.7	1972
1973	112	46.8	202	62.1	41.8	20.8	9.88	6.57	6.78	10.8	45.4	62.8	51.8	1973
1974	111	71.8	127	85.3	84.9	22.3	16.4	9.87	8.11	9.48	21.9	20.3	48.8	1974
1975	67.8	76.8	128	127	24.9	24.0	11.0	14.9	28.5	15.8	18.2	44.4	48.2	1975
1976	32.1	158	230	72.8	92.8	16.2	31.9	32.8	18.6	22.4	37.0	21.0	61.1	1976
1977	10.3	15.3	244	88.8	21.1	11.1	13.8	13.3	48.5	61.7	58.8	127	59.5	1977
1978	25.3	21.8	102	240	36.5	15.4	9.08	7.87	18.5	22.8	20.7	35.2	46.5	1978
1979	38.2	17.8	183	175	37.8	15.6	8.78	10.7	8.88	16.1	72.8	105	57.8	1979
1980	43.8	15.4	115	107	35.0	18.9	22.4	14.1	14.8	21.0	14.8	37.0	38.4	1980
1981	11.2	187	56.4	61.4	35.2	18.2	9.83	10.4	45.8	73.0	44.8	34.8	45.8	1981
1982	34.2	13.3	186	198	25.4	38.9	14.6	13.9	23.3	23.6	86.3	158	67.0	1982
1983	47.2	83.0	42.2	72.5	84.8	38.8	20.1	88.1	21.3	21.7	42.4	104	52.3	1983
1984	17.0	184	107	88.5	33.8	81.4	28.7	13.2	40.0	18.0	45.2	71.1	56.5	1984
1985	62.8	118	255	133	18.2	17.1	14.8	18.8	28.0	48.1	128	84.8	75.1	1985
1986	63.4	43.8	178	86.4	31.2	28.0	17.6	18.1	86.2	132	37.8	73.0	61.5	1986
1987	38.7	19.8	101	88.5	14.8	18.7	11.3	8.80	10.1	11.5	38.5	88.8	37.5	1987
1988	26.2	39.5	87.3	80.9	21.3	7.87	7.73	8.87	7.97	31.0	76.4	41.8	34.6	1988
MEAN	45.2	83.8	145	107	39.3	22.7	15.0	15.7	23.0	30.7	47.5	64.8	52.3	MEAN

LOCATION - LAT 42 43 51 N DRAINAGE AREA, 3 780 km²
LONG 81 34 43 W REGULATED SINCE 1953

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	42.8 AT 11:13 EST ON DEC 18	---	---	---	1971
1972	---	368A ON APR 18	4.87 ON OCT 8	1 410 000	1972
1973	484 AT 23:28 EST ON MAR 13	453 ON MAR 14	5.35 ON SEP 11	1 830 000	1973
1974	830 AT 05:58 EST ON MAR 7	513 ON MAR 7	5.43 ON SEP 7	1 570 000	1974
1975	481 AT 12:48 EST ON APR 21	467 ON APR 21	7.78 ON JUL 10	1 530 000	1975
1976	---	524E ON MAR 8	10.6 ON SEP 7	1 930 000	1976
1977	940 A AT 12:00 EST ON MAR 15 *	695A ON MAR 15 *	8.04 ON JUN 18	1 670 000	1977
1978	510 AT 02:10 EST ON APR 8	501 ON APR 8	8.37 ON SEP 3	1 480 000	1978
1979	595 AT 01:09 EST ON APR 18	560B ON MAR 8	8.10E ON JUL 27	1 520 000	1979
1980	478 AT 10:53 EST ON MAR 23	468 ON MAR 23	8.04 ON AUG 28	1 210 000	1980
1981	557 AT 05:22 EST ON FEB 25	551 ON FEB 25	5.86 ON JUL 27	1 470 000	1981
1982	688 AT 23:27 EST ON APR 2	629 ON APR 3	7.52 ON AUG 22	2 110 000	1982
1983	324 AT 13:38 EST ON MAY 4	313 ON MAY 4	7.82 ON JUL 28	1 860 000	1983
1984	---	559B ON FEB 17	9.07 ON AUG 27	1 780 000	1984
1985	---	583B ON FEB 26	7.05 ON JUN 18	2 270 000	1985
1986	483 AT 18:38 EST ON MAR 21	478 ON MAR 21	8.38 ON SEP 8	1 840 000	1986
1987	300 AT 14:58 EST ON MAR 10	283 ON MAR 10	8.56 ON MAY 24	1 180 000	1987
1988	---	280 ON MAR 28	4.10 ON JUL 8 *	1 080 000	1988
				1 850 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR EALING - STATION NO. 02GD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	3.49	5.86	16.3	12.3	11.7	13.3	16.0	---	1915
1916	60.8	20.4	33.8	34.9	34.4	28.4	4.12	2.50	2.04	3.25	3.14	4.50	19.2	1916
1917	7.07	3.29	42.0	30.6	20.0	28.0	33.9	4.89	3.25	7.86	8.19	5.91	16.3	1917
1918	3.30	28.3	58.7	12.8	6.87	3.25	1.04	0.726	4.56	3.83	4.93	16.8	12.0	1918
1919	16.1	8.02	34.1	25.5	30.5	4.49	1.89	1.76	2.19	4.89	8.89	7.37	12.2	1919
1920	2.46	2.84	44.1	18.7	6.46	3.20	4.86	3.91	2.02	3.83	8.86	17.7	10.0	1920
1921	16.1	6.79	36.3	29.7	9.79	4.12	15.6	3.26	3.41	7.77	12.7	26.1	14.4	1921
1922	12.8	26.7	24.5	46.4	6.87	12.5	4.14	3.80	6.02	3.54	4.10	3.81	12.8	1922
1923	6.80	2.52	47.2	30.0	13.8	5.52	3.12	1.86	4.00	2.23	4.11	33.9	13.0	1923
1924	24.9	9.67	46.8	31.6	26.8	7.31	4.35	6.03	2.86	3.17	2.80	4.16	14.2	1924
1925	2.78	38.6	61.0	8.84	3.71	1.73	1.61	2.13	2.09	2.63	8.72	6.87	10.8	1925
1926	6.87	7.69	56.8	51.3	8.27	4.33	1.75	8.46	15.3	21.2	47.8	11.2	19.8	1926
1927	8.57	16.6	46.6	14.0	17.8	6.18	18.2	3.49	2.44	3.34	12.4	27.0	14.6	1927
1928	18.9	16.4	28.6	24.4	6.83	15.4	6.87	4.90	2.72	7.17	20.4	20.7	14.6	1928
1929	24.1	6.94	62.7	44.6	21.3	4.67	2.88	2.24	1.80	2.27	4.84	2.63	16.2	1929
1930	46.8	60.3	26.8	21.2	6.77	5.16	2.02	1.57	1.78	1.81	1.81	2.66	14.7	1930
1931	1.86	3.20	16.8	17.4	6.78	3.01	5.17	2.86	3.03	2.88	5.67	15.7	7.28	1931
1932	46.2	25.2	17.3	22.1	18.0	8.46	5.63	4.69	5.20	5.40	18.1	24.2	16.8	1932
1933	17.0	14.7	27.1	36.1	6.63	2.66	2.21	2.17	1.80	2.10	4.46	7.86	10.8	1933
1934	21.2	8.86	36.1	47.8	6.67	2.37	2.36	2.44	3.67	2.66	4.12	3.43	11.7	1934
1935	20.6	18.0	46.2	6.29	7.08	4.62	1.86	1.87	1.58	1.76	4.82	5.18	8.76	1935
1936	3.67	7.36	64.1	21.2	7.26	1.87	0.619	0.738	0.911	1.12	2.66	5.72	8.86	1936
1937	66.6	38.1	11.8	76.7	16.8	8.06	2.42	3.60	2.88	6.80	4.92	3.82	18.0	1937
1938	6.62	70.3	36.6	16.3	7.73	3.73	1.66	2.91	2.10	1.66	2.13	2.62	12.2	1938
1939	6.24	23.6	37.7	47.7	6.64	2.62	1.83	2.16	1.62	1.88	1.88	1.82	11.0	1939
1940	2.04	2.07	6.76	57.2	15.1	14.8	6.63	4.88	10.8	6.72	16.6	36.6	14.7	1940
1941	14.7	7.02	16.3	16.1	2.80	1.74	1.48	1.82	1.62	1.86	3.91	3.88	6.06	1941
1942	6.82	11.6	42.3	12.7	8.82	8.74	3.20	2.68	7.67	13.7	28.6	20.6	13.7	1942
1943	21.2	46.3	66.4	23.4	26.8	18.4	12.8	3.68	2.67	2.80	4.31	4.24	18.0	1943
1944	6.48	10.1	28.6	26.3	10.0	4.78	2.32	2.13	3.86	2.63	2.48	2.83	8.21	1944
1945	1.38	3.86	41.7	27.0	23.0	14.1	8.13	4.68	6.12	26.1	11.1	8.71	15.7	1945
1946	20.4	18.2	43.2	6.76	8.47	8.68	2.90	2.84	2.86	3.74	4.44	8.40	10.6	1946
1947	28.7	12.3	36.6	68.7	26.7	28.6	6.66	4.44	6.67	4.67	6.48	10.1	20.3	1947
1948	8.10	18.3	66.4	20.4	22.0	6.22	6.67	4.31	2.83	3.28	6.80	6.32	13.6	1948
1949	22.3	46.2	26.8	13.6	6.78	3.24	4.16	3.10	3.42	4.22	3.27	31.8	14.2	1949
1950	48.6	18.4	62.7	42.6	6.42	3.88	6.86	6.38	4.76	6.38	12.7	28.8	18.8	1950
1951	28.0	41.6	61.1	36.8	8.86	6.13	7.68	3.86	3.77	4.86	16.0	12.8	18.4	1951
1952	36.2	22.2	33.8	30.2	10.6	4.24	4.08	4.17	3.63	3.88	3.86	6.84	13.6	1952
1953	10.0	11.0	33.8	13.8	12.7	12.7	3.62	2.86	2.41	3.62	2.88	4.36	8.38	1953
1954	7.32	44.4	44.2	43.6	8.94	6.06	3.03	2.88	2.82	28.8	8.42	13.7	17.8	1954
1955	18.7	13.4	47.7	18.8	6.68	3.78	3.08	2.77	3.04	6.34	10.6	11.8	12.2	1955
1956	4.43	8.83	66.4	36.0	43.6	8.82	10.4	26.2	22.7	8.30	7.94	16.8	20.7	1956
1957	16.1	21.6	23.3	28.6	11.3	8.31	8.42	2.33	6.80	8.28	18.8	33.0	16.2	1957
1958	7.74	8.36	26.6	11.2	3.81	3.01	4.30	2.12	4.20	2.82	4.87	4.46	8.71	1958
1959	7.62	13.0	47.6	34.6	11.3	6.61	3.14	2.88	3.26	8.98	16.6	19.2	14.6	1959
1960	11.8	16.3	14.6	73.0	20.7	11.6	4.69	3.31	2.68	2.88	3.84	3.00	13.8	1960
1961	2.06	16.8	26.6	21.2	13.8	6.17	6.06	6.04	4.13	2.72	6.46	8.86	8.88	1961
1962	6.62	6.24	42.6	17.8	6.26	4.24	2.32	2.86	2.30	3.61	7.88	11.0	8.84	1962
1963	4.08	2.74	46.4	14.6	8.74	4.14	2.38	1.83	1.78	1.67	2.21	1.83	8.03	1963
1964	4.81	4.10	17.3	16.8	6.87	3.02	2.74	13.6	6.84	3.38	3.84	13.6	8.36	1964
1965	16.6	44.1	42.3	64.7	6.86	2.80	2.46	2.00	2.06	4.37	8.10	22.2	17.2	1965
1966	10.0	17.6	31.8	18.6	11.6	7.83	2.82	3.08	2.88	2.74	11.6	41.7	13.6	1966
1967	20.1	10.6	34.2	46.6	14.6	12.4	6.63	6.07	6.03	14.1	24.6	33.3	19.4	1967
1968	13.6	81.6	41.4	17.1	6.56	8.46	6.64	3.66	4.82	7.60	14.3	16.4	16.7	1968
1969	31.6	28.2	36.1	44.7	21.8	7.83	3.74	3.26	3.24	3.63	8.86	7.37	16.6	1969
1970	6.42	8.13	22.6	26.0	8.27	3.86	4.74	3.41	3.34	4.81	13.0	18.6	10.6	1970
1971	8.44	16.7	44.3	33.3	6.36	3.81	2.82	2.68	2.48	2.62	2.82	6.08	10.8	1971
1972	8.27	4.41	46.2	41.0	13.3	6.23	7.66	6.30	4.06	7.86	16.2	23.3	16.7	1972
1973	26.4	16.4	71.8	23.3	13.2	7.08	4.00	3.80	2.86	4.81	16.6	16.8	17.2	1973
1974	36.1	20.8	40.2	27.8	26.0	8.30	7.38	6.14	4.28	4.16	10.8	8.71	16.7	1974
1975	21.7	26.0	43.6	33.6	9.10	8.82	4.22	6.77	10.3	6.61	8.32	16.3	16.4	1975
1976	12.4	66.3	70.8	23.1	22.8	6.86	12.3	12.8	6.34	6.66	11.8	7.02	20.7	1976
1977	4.13	6.48	76.1	28.2	6.38	4.46	4.16	6.23	16.0	23.6	18.6	40.3	18.8	1977
1978	6.87	10.2	42.6	72.2	14.6	6.74	3.71	3.41	6.36	6.69	7.76	11.4	16.1	1978
1979	16.2	6.28	66.1	66.3	13.7	6.84	4.14	6.66	4.26	6.84	23.1	33.3	19.8	1979
1980	17.6	7.77	37.6	37.3	14.2	7.28	6.38	6.41	7.02	8.30	6.82	13.7	14.4	1980
1981	4.76	66.6	16.1	20.6	12.3	7.46	4.43	6.20	16.3	21.4	13 9	8.72	16.7	1981
1982	8.81	6.66	61.6	66.6	11.1	16.7	6.26	6.66	8.01	8.01	27.6	60.6	22.7	1982
1983	14.6	20.3	17.0	26.6	30.6	12.4	7.01	20.7	7.73	6.13	14.7	31.3	17.6	1983
1984	6.36	72.1	33.3	27.3	12.6	24.1	11.6	6.64	16.9	7.17	13.1	22.7	20.8	1984
1985	17.6	46.3	62.6	44.2	7.08	6.44	7.16	6.66	6.76	16.6	46.6	23.3	26.3	1985
1986	20.6	11.6	66.6	16.6	13.0	6.62	7.36	6.77	13.6	32.6	13.4	24.6	18.1	1986
1987	14.0	6.87	33.6	36.6	7.44	7.67	6.76	4.07	4.14	6.16	11.0	26.6	13.7	1987
1988	6.80	14.0	26.4	16.7	6.12	3.16	3.73	4.36	3.23	6.26	20.6	13.2	11.0	1988
MEAN	16.6	20.1	39.6	31.1	13.3	7.67	6.46	4.74	6.14	6.76	10.7	16.3	14.6	MEAN

LOCATION - LAT 42 58 21 N DRAINAGE AREA, 1 340 km²
LONG 81 12 36 W REGULATED SINCE 1967

THAMES RIVER NEAR EALING - STATION NO. 02HB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	185 ON JAN 4	1.06 ON NOV 8	807 000	1916
1917	---	135 ON MAR 24	1.08 ON FEB 12	513 000	1917
1918	---	193 ON FEB 25	0.057 ON AUG 8 *	378 000	1918
1919	---	147 ON MAR 17	0.906 ON AUG 11	384 000	1919
1920	---	221 ON MAR 13	1.36 ON AUG 8	317 000	1920
1921	---	180 ON DEC 18	1.80 ON JUL 7	483 000	1921
1922	---	185 ON APR 12	1.84 ON SEP 4	402 000	1922
1923	---	130 ON APR 7	1.06 ON AUG 8	411 000	1923
1924	---	134 ON MAR 25	1.84 ON SEP 1	480 000	1924
1925	---	218 ON MAR 20	1.18 ON SEP 3	344 000	1925
1926	---	261 ON MAR 23	1.13 ON JUL 28	528 000	1926
1927	---	121 ON JUL 24	1.81 ON SEP 26	458 000	1927
1928	---	115 ON MAR 14	2.27 ON SEP 10	458 000	1928
1929	---	208 ON MAR 15	1.50 ON SEP 8	478 000	1929
1930	---	71.8 ON APR 2	1.42 ON JUL 21	484 000	1930
1931	---	108 ON MAR 28	1.61 ON JUN 24	229 000	1931
1932	---	89.4 ON MAY 27	2.24 ON AUG 1	533 000	1932
1933	---	106 ON APR 2	1.56 ON NOV 6	324 000	1933
1934	---	148 ON APR 2	1.42 ON JUL 2	369 000	1934
1935	---	209 ON MAR 6	0.676 ON NOV 4	306 000	1935
1936	---	151 ON MAR 12	0.263 ON JUN 28	283 000	1936
1937	---	629 ON APR 27 *	1.02 ON AUG 1	598 000	1937
1938	447 AT 23:00 EST ON FEB 8	309 ON FEB 7	0.991 ON DEC 28	384 000	1938
1939	---	146 ON APR 18	1.27 ON OCT 7	368 000	1939
1940	---	229 ON APR 8	1.61 ON AUG 12	485 000	1940
1941	---	35.7 ON APR 20	0.821 ON JUL 2	181 000	1941
1942	---	178 ON MAR 8	1.30 ON SEP 6	431 000	1942
1943	---	275 ON MAR 17	1.63 ON OCT 11	598 000	1943
1944	---	73.3 ON APR 13	1.53 ON AUG 18	289 000	1944
1945	---	186 ON MAY 18	1.38 B ON JAN 1	484 000	1945
1946	---	181 ON MAR 6	1.78 ON SEP 30	334 000	1946
1947	---	382 ON APR 8	3.23 ON AUG 12	840 000	1947
1948	277 AT 03:00 EST ON MAR 17	244 ON MAR 20	2.81 ON SEP 5	427 000	1948
1949	---	236 ON FEB 15	2.61 ON JUN 27	447 000	1949
1950	384 AT 02:00 EST ON APR 5	263 ON APR 5	3.03 ON JUN 11	629 000	1950
1951	---	186 ON MAR 31	3.23 ON AUG 18	561 000	1951
1952	178 AT 03:00 EST ON MAR 12	139 ON MAR 12	2.21 ON OCT 27	427 000	1952
1953	183 AT 24:00 EST ON MAR 4	131 ON MAR 5	1.64 ON AUG 30	286 000	1953
1954	447 AT 02:00 EST ON FEB 17	343 ON FEB 17	2.15 ON AUG 28	562 000	1954
1955	---	182 ON MAR 12	1.76 ON OCT 2	386 000	1955
1956	408 AT 18:00 EST ON MAR 7	331 ON MAR 7	2.63 B ON JAN 23	654 000	1956
1957	190 AT 17:00 EST ON DEC 21	161 ON DEC 21	1.63 ON AUG 23	479 000	1957
1958	39.4 AT 15:00 EST ON MAR 24	38.2 ON MAR 24	1.78 ON AUG 18	212 000	1958
1959	120 AT 16:30 EST ON MAR 21	110 ON MAR 21	1.67 ON AUG 16	480 000	1959
1960	278 AT 20:00 EST ON MAR 31	233 ON APR 1	2.07 ON OCT 17	440 000	1960
1961	101 AT 18:00 EST ON FEB 24	84.8 ON FEB 24	1.66 ON JAN 24	302 000	1961
1962	121 AT 13:00 EST ON MAR 13	121 ON MAR 13	1.28 ON JUL 16	301 000	1962
1963	215 AT 08:00 EST ON MAR 26	205 ON MAR 26	1.28 ON OCT 14	354 000	1963
1964	74.8 AT 23:00 EST ON DEC 25	65.7 ON DEC 26	1.65 ON JAN 1	284 000	1964
1965	458 AT 04:00 EST ON FEB 11	382 ON FEB 11	1.65 ON AUG 30	644 000	1965
1966	244 AT 14:00 EST ON DEC 6	231 ON DEC 6	1.70 ON JUL 24	426 000	1966
1967	190 AT 20:00 EST ON APR 3	162 ON APR 3	3.17 ON SEP 20	611 000	1967
1968	571 AT 22:00 EST ON FEB 2 *	481 ON FEB 2	2.58 ON SEP 1	628 000	1968
1969	311 AT 08:51 EST ON JAN 31	266 ON JAN 31	2.48 ON AUG 11	518 000	1969
1970	86.6 AT 08:43 EST ON APR 3	81.7 ON APR 3	2.79 ON SEP 2	331 000	1970
1971	147 AT 08:48 EST ON MAR 16	138 ON MAR 16	1.65 ON AUG 8	344 000	1971
1972	207 AT 00:40 EST ON MAR 23	149 ON MAR 23	3.14 ON AUG 8	496 000	1972
1973	213 AT 18:43 EST ON MAR 12	200 ON MAR 12	2.87 ON SEP 8	644 000	1973
1974	222 AT 05:38 EST ON JAN 28	198 ON JAN 28	3.43 ON AUG 22	626 000	1974
1975	226 AT 04:31 EST ON FEB 25	177 ON FEB 25	3.37 ON JUL 12	518 000	1975
1976	473 AT 04:53 EST ON MAR 6	348 ON MAR 6	4.08 ON SEP 16	858 000	1976
1977	411 AT 17:15 EST ON MAR 13	328 ON MAR 13	3.14 ON JUL 8	828 000	1977
1978	237 AT 05:28 EST ON APR 2	218 ON APR 2	2.73 ON SEP 2	608 000	1978
1979	428 AT 10:03 EST ON MAR 5	365 ON MAR 5	2.87 ON JUL 24	636 000	1979
1980	212 AT 03:06 EST ON MAR 22	182 ON MAR 22	2.74 ON AUG 28	458 000	1980
1981	209 AT 05:28 EST ON FEB 24	183 ON FEB 24	3.18 ON JUL 15	496 000	1981
1982	268 AT 02:11 EST ON APR 1	241 ON APR 1	3.80 ON AUG 22	718 000	1982
1983	108 AT 13:59 EST ON DEC 13	103 ON DEC 13	3.15 ON JUL 26	553 000	1983
1984	445 AT 21:59 EST ON FEB 14	348 ON FEB 14	3.30 ON AUG 26	681 000	1984
1985	413 AT 07:23 EST ON FEB 25	371 ON FEB 25	3.70 B ON JAN 20	828 000	1985
1986	337 AT 03:43 EST ON MAR 20	198 ON MAR 20	3.42 ON SEP 7	602 000	1986
1987	149 AT 06:47 EST ON APR 8	140 ON APR 8	2.87 ON AUG 1	432 000	1987
1988	---	77.0 ON MAR 10	2.29 ON JUL 9	348 000	1988
				480 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR INGERSOLL - STATION NO. 02GD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	13.2	4.88	2.37	---	---	---	---	---	---	---	---	1938
1939	---	---	14.0	18.1	2.04	---	---	---	---	---	---	---	---	1939
1940	---	---	---	25.1	5.81	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.78	1.15	---	---	---	---	---	---	---	---	1941
1942	---	---	---	6.67	---	---	---	---	---	---	---	---	---	1942
1943	---	---	24.5	11.7	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	11.9	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	10.4	---	---	---	---	---	9.89	4.15	3.03	---	1945
1946	---	---	19.7	2.38	2.20	1.67	0.884	0.333	0.281	1.07	1.78	3.74	---	1946
1947	5.88	2.41	19.0	29.6	12.5	14.1	2.29	1.12	0.686	0.804	1.04	2.71	7.89	1947
1948	---	---	23.7	6.76	7.94	1.37	3.45	0.831	0.276	0.439	2.03	1.93	---	1948
1949	8.94	20.0	12.1	5.53	1.78	0.738	0.772	0.590	0.556	0.854	0.854	11.6	5.30	1949
1950	20.0	7.36	22.4	17.5	2.70	1.45	2.12	1.67	1.24	1.43	5.68	12.9	6.05	1950
1951	12.3	17.0	22.1	17.2	3.77	2.33	2.57	1.01	0.888	1.38	5.74	4.88	7.54	1951
1952	15.4	9.73	16.2	14.5	3.58	1.82	0.878	0.823	0.785	0.897	1.16	2.63	5.68	1952
1953	4.21	5.07	17.4	5.81	5.85	6.57	1.18	0.726	0.580	0.857	0.798	1.24	4.34	1953
1954	2.28	18.5	21.2	20.3	3.91	2.08	1.36	0.832	0.646	11.9	2.83	5.37	7.48	1954
1955	8.54	5.41	18.5	8.20	---	---	---	---	---	---	---	---	---	1955
1956	1.78	3.37	22.5	14.5	18.5	2.74	4.37	12.5	5.17	3.33	3.16	7.78	6.72	1956
1957	8.28	---	---	---	---	---	---	---	---	---	---	---	---	1957
MEAN	6.75	9.89	19.0	12.5	5.30	3.67	2.01	2.03	1.54	2.91	2.63	5.25	5.85	MEAN

LOCATION - LAT 43 01 07 N DRAINAGE AREA, 854 km²
LONG 80 55 33 W NATURAL FLOW

REMARKS - SEASONAL REGULATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	85.7 ON MAR 8	0.113 ON SEP 28 *	---	1946
1947	---	133 ON APR 5	0.340 ON SEP 20	263 000	1947
1948	---	105 ON MAR 20	0.113 ON SEP 19	---	1948
1949	---	85.4 ON FEB 15	0.385 ON AUG 15	167 000	1949
1950	138 ON APR 4 *	110 ON APR 4	0.680 ON AUG 24	254 000	1950
1951	---	77.6 ON MAR 31	0.823 ON SEP 5	238 000	1951
1952	---	68.2 ON MAR 12	0.453 ON SEP 25	179 000	1952
1953	83.7 AT 22:00 EST ON MAR 4	78.8 ON MAR 4	0.283 ON DEC 31	137 000	1953
1954	---	135 ON FEB 16	0.283 ON JAN 5	238 000	1954
1955	---	---	---	---	1955
1956	---	140 ON MAR 7 *	1.02 ON JAN 27	276 000	1956
1957	---	---	---	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		216 000	MEAN

THAMES RIVER NEAR TAVISTOCK - STATION NO. 02GD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	0.081	0.030	0.025	0.075	0.386	0.838	---	1987
1988	0.228	0.267	1.11	0.486	0.171	0.022	0.010	0.007	0.017	0.124	0.666	0.328	0.260	1988
MEAN	0.228	0.267	1.11	0.486	0.171	0.022	0.046	0.018	0.021	0.100	0.481	0.583	0.260	MEAN

LOCATION - LAT 43 18 17 N DRAINAGE AREA, 34.2 km²
LONG 80 51 00 W NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE 16 1987

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	7.85 AT 16:36 EST ON DEC 20 *	---	0.007 ON AUG 25	---	1987
1988	---	4.63 ON MAR 8 *	0.001 ON JUL 14 *	8 880	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 880	MEAN

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.181	0.145	0.020	0.008	0	0	0.001	0.001	0.001	0.006	---	1980
1981	0	0.062	0.013	0.025	0.008	0.004	0.012	0.178	0.155	0.062	0.038	0.018	0.047	1981
1982	0.012	0.002	0.418	0.083	0.003	0.125	0	0.002	0.022	0.007	0.085	0.130	0.073	1982
1983	0.018	0.070	0.082	0.102	0.208	0.034	0.001	0.012	0	0.008	0.058	0.158	0.064	1983
1984	0.004	0.195	0.153	0.097	0.038	0.112	0.002	0.001	0.042	0.002	0.036	0.085	0.061	1984
1985	0.018	0.238	0.213	0.058	0.001	0.003	0.003	0.005	0	0.017	0.200	0.057	0.068	1985
1986	0.022	0.018	0.113	0.045	0.026	0.005	0.005	0.008	0.013	0.033	0.048	0.061	0.035	1986
1987	0.034	0.005	0.112	0.176	0.001	---	---	---	---	---	---	---	---	1987
MEAN	0.015	0.084	0.189	0.068	0.040	0.042	0.003	0.028	0.033	0.018	0.066	0.072	0.058	MEAN

LOCATION - LAT 43 08 58 N LONG 79 54 36 W DRAINAGE AREA, 4.38 km²
NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED JUN 18 1987

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	2.85 AT 18:45 EST ON APR 14	1.25 ON MAR 21	0 ON FEB 7 *	---	1980
1981	5.64 AT 18:09 EST ON AUG 13 *	1.33 ON AUG 13	0B ON JAN 1	1 490	1981
1982	2.92 AT 09:56 EST ON DEC 25	1.90 B ON MAR 13	0B ON JAN 10	2 290	1982
1983	2.24 AT 03:37 EST ON FEB 3	0.885 ON FEB 3	0B ON JAN 18	2 010	1983
1984	3.74 AT 04:42 EST ON FEB 14	2.05 ON JUN 18	0 ON JUN 11	1 920	1984
1985	3.88 AT 15:38 EST ON FEB 23	2.89 B ON FEB 24 *	0 ON MAY 4	2 080	1985
1986	1.81 AT 07:00 EST ON MAR 19	0.886 ON MAR 19	0 ON MAY 12	1 120	1986
1987	---	2.04 ON APR 5	0 ON MAY 10	---	1987
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 820	MEAN

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO. 02DC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	7.53	---	1941
1942	1.48	0	11.1	24.2	14.4	8.58	2.37	1.41	4.83	4.15	1.80	1.42	5.15	1942
1943	7.86	2.58	10.1	17.6	23.3	13.9	3.82	2.68	6.76	3.37	5.83	5.74	8.48	1943
1944	1.97	1.58	10.3	12.9	8.08	2.86	2.27	8.16	2.70	7.13	4.14	3.85	5.35	1944
1945	2.84	2.08	17.7	7.84	9.87	7.15	3.48	3.26	4.88	8.10	12.1	3.01	6.83	1945
1946	5.14	3.70	26.8	8.38	14.8	3.75	3.75	3.70	4.20	0.485	0.104	5.27	6.61	1946
1947	3.00	2.71	13.8	30.8	31.1	17.8	8.24	6.41	3.45	2.88	3.80	3.80	10.7	1947
1948	3.58	3.03	3.85	34.0	14.7	2.81	10.4	2.22	5.17	1.18	8.55	6.89	8.00	1948
1949	5.88	5.91	18.7	20.3	13.2	5.82	3.56	9.78	2.03	0.807	0.870	1.02	7.83	1949
1950	8.28	4.21	10.9	19.6	19.8	8.37	5.50	3.84	7.05	4.78	2.81	2.46	7.58	1950
1951	2.45	5.12	13.6	46.9	12.1	2.75	8.45	1.06	5.77	25.5	15.2	12.9	12.5	1951
1952	2.12	7.37	13.8	22.3	10.1	7.80	3.10	15.7	8.90	9.50	4.58	11.5	8.74	1952
1953	8.81	8.42	24.6	20.0	7.46	4.86	4.18	5.85	2.68	0.061	0.057	0.057	7.19	1953
1954	0.888	0.888	15.2	22.3	11.2	10.9	3.74	3.36	4.98	17.6	13.5	8.28	10.0	1954
1955	4.81	4.81	9.08	18.4	2.03	4.26	2.88	2.75	5.71	5.88	15.6	7.48	7.02	1955
1956	2.46	3.48	8.64	8.83	18.2	8.58	3.65	5.04	5.57	5.88	10.7	5.14	7.66	1956
1957	4.02	4.07	8.37	24.7	4.08	9.46	20.1	5.83	7.04	5.10	10.9	17.4	11.1	1957
1958	5.11	7.40	10.7	2.35	5.84	2.82	8.22	2.60	0.225	1.74	2.43	1.42	4.03	1958
1959	2.78	4.90	4.85	23.3	15.7	5.89	2.89	1.12	10.3	8.80	15.4	8.28	8.89	1959
1960	3.48	8.53	8.74	24.8	22.5	8.90	18.2	8.02	2.88	---	---	---	---	1960
MEAN	3.82	4.15	12.5	20.9	13.4	7.44	5.07	4.72	5.32	5.78	7.82	5.88	8.08	MEAN

LOCATION - LAT 46 30 05 N LONG 79 53 36 W DRAINAGE AREA, 570 km²
REGULATED

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO. 02DC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	46.4 ON MAR 30	0 E ON JAN 21 *	184 000	1942
1943	---	53.2 ON MAY 1	0.651E ON FEB 25	286 000	1943
1944	---	37.8E ON APR 27	0.891E ON SEP 22	189 000	1944
1945	---	46.7 ON MAR 31	0.311E ON APR 17	219 000	1945
1946	---	51.8E ON MAR 20	0.965E ON NOV 15	209 000	1946
1947	---	54.4E ON APR 27	0.453E ON NOV 21	337 000	1947
1948	---	48.1E ON APR 10	0.057E ON AUG 7	263 000	1948
1949	---	49.0 ON APR 15	0.765 ON NOV 5	247 000	1949
1950	---	38.1 ON APR 20	0.963E ON NOV 1	239 000	1950
1951	---	85.7 ON APR 15	0.255E ON SEP 2	383 000	1951
1952	---	70.8 ON AUG 12	0.850E ON JUN 27	308 000	1952
1953	---	59.5E ON MAR 30	0.057 ON JUL 31	227 000	1953
1954	---	56.8E ON JUN 8	0.057E ON JAN 1	316 000	1954
1955	---	37.4E ON NOV 3	0.198E ON MAY 7	222 000	1955
1956	---	36.8E ON SEP 22	0.311E ON AUG 26	342 000	1956
1957	---	86.2E ON JUL 2	0.311E ON MAY 7	350 000	1957
1958	---	16.8E ON AUG 5	0.057E ON AUG 22	127 000	1958
1959	---	40.2E ON SEP 10	0.198E ON AUG 8	274 000	1959
1960	---	72.8E ON JUL 28 *	---	---	1960
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		265 000	MEAN

E - ESTIMATED

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	0	0	0	0	0	0	0	0	0	0	0	0	0	1953
1954	0	0	0	0	0	0	0	0	0	0	0	0	0	1954
1955	0	0	0	0	0	0	0	0	0	0	0	0	0	1955
1956	0	0	0	0	0	0	0	0	0	0	0	0	0	1956
1957	0	0	0	0	0	0	2.89	0	0	0	0	0	0.239	1957
1958	13.5	22.6	8.22	0	0	0	0	0	0	0	0	0	3.48	1958
1959	0	0	0	0	0	0	0	0	0	0	0	0	0	1959
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	1960
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	1961
1962	0	0	0	0	4.33	0	0	0	0	0	0	0	0.367	1962
1963	12.1	0.767	0	14.4	0	0	0	0	0	0	0	0	2.27	1963
1964	0	0	9.55	5.86	0	0	0	0	0	0	0	0	1.26	1964
1965	0	0	0	0	4.84	0	0	0	0	0	0	0	0.384	1965
1966	0	0	5.69	5.68	0	0	0	0	0	0	0	0	0.882	1966
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	1967
1968	0	13.1	0	0	0	0	0	0	0	0	0	0	1.00	1968
1969	0	0	11.7	0	3.18	0	0	0	0	0	0	0	1.28	1969
1970	0	0	0	8.18	2.85	0	0	0	0	0	0	0	1.00	1970
1971	0	0.108	4.55	8.60	2.85	0	0	0	0	0	0	0	1.35	1971
1972	0	0	0.332	7.72	0	0	0	0	0	0	0	1.04	0.751	1972
1973	21.6	12.7	0	0	18.8	0	0	0	0	0	0	0	4.40	1973
1974	0	10.6	20.2	0.882	0	0	0	0	0	0	0	0	2.80	1974
1975	0	7.60	21.2	12.8	0	0	0	0	0	0	0	0	3.48	1975
1976	0	0	0	0	0	0	0	0	0	18.5	8.40	0	2.43	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
MEAN	1.81	2.80	3.08	2.48	1.62	0	0.103	0	0	0.750	0.382	0.040	1.05	MEAN

LOCATION - LAT 44 48 11 N
LONG 79 21 01 W REGULATED

DATA CONTRIBUTED BY - PARKS CANADA (DOE) (CANADA)

REMARKS - STATION CREATED IN 1963 FOLLOWING REVIEW OF FLOWS AND STATIONS IN WASHAGO AREA

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---				
1964	---	0 ON JAN 1	0 ON JAN 1 *	0	1963
		0 ON JAN 1	0 ON JAN 1	0	1964
1965	---				
1966	---	0 ON JAN 1	0 ON JAN 1	0	1965
1967	---	0 ON JAN 1	0 ON JAN 1	0	1966
1968	---	17.0 ON JUL 2	0 ON JAN 1	7 210	1967
1969	---	23.2 ON JAN 15 *	0 ON JAN 1	110 000	1968
		0 ON JAN 1	0 ON JAN 1	0	1969
1970	---				
1971	---	0 ON JAN 1	0 ON JAN 1	0	1970
1972	---	0 ON JAN 1	0 ON JAN 1	0	1971
1973	---	22.7 ON MAY 20	0 ON JAN 1	11 800	1972
1974	---	22.7 ON APR 4	0 ON JAN 1	71 800	1973
		22.7 ON MAR 15	0 ON JAN 1	40 300	1974
1975	---				
1976	---	22.7 ON MAY 5	0 ON JAN 1	12 400	1975
1977	---	22.7 ON MAR 20	0 ON JAN 1	30 500	1976
1978	---	0 ON JAN 1	0 ON JAN 1	0	1977
1979	---	22.5 ON FEB 25	0 ON JAN 1	31 700	1978
		22.7 ON MAR 9	0 ON JAN 1	39 700	1979
1980	---				
1981	---	20.4 ON APR 15	0 ON JAN 1	31 700	1980
1982	---	20.4 ON MAR 5	0 ON JAN 1	42 400	1981
1983	---	21.5 ON DEC 31	0 ON JAN 1	23 700	1982
1984	---	21.5 ON JAN 1	0 ON FEB 16	139 000	1983
		22.7 ON FEB 22	0 ON JAN 1	82 200	1984
1985	---				
1986	---	23.6 ON APR 10	0 ON JAN 1	109 000	1985
1987	---	22.7 ON OCT 4	0 ON JAN 1	75 500	1986
1988	---	0 ON JAN 1	0 ON JAN 1	0	1987
		0 ON JAN 1	0 ON JAN 1	0	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 100	MEAN

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	55.6	35.4	74.3	---	1963
1964	73.7	78.0	73.4	184	132	66.4	42.8	28.6	41.6	29.1	30.8	47.7	67.9	1964
1965	88.6	127	143	342	200	48.3	44.1	32.3	43.6	99.1	152	250	131	1965
1966	286	152	255	135	120	118	35.6	31.8	33.1	35.3	82.2	328	138	1966
1967	172	191	138	270	158	200	259	66.6	63.9	223	378	226	188	1967
1968	212	201	220	212	61.4	61.8	34.2	33.9	42.6	44.8	66.0	167	113	1968
1969	108	158	147	351	348	92.0	78.4	46.6	26.6	47.1	80.6	97.8	132	1969
1970	88.2	101	117	253	154	61.3	64.5	44.8	47.7	70.0	93.8	140	105	1970
1971	114	112	126	403	228	48.6	48.4	30.3	40.8	68.0	48.8	114	114	1971
1972	134	130	106	381	362	144	137	91.1	53.8	103	230	218	170	1972
1973	244	214	388	413	188	82.7	43.8	40.8	28.6	71.7	108	181	185	1973
1974	172	174	185	409	358	103	68.1	41.4	48.8	88.8	155	217	169	1974
1975	194	148	273	348	223	81.0	21.2	18.8	47.8	37.4	48.7	105	125	1975
1976	135	187	305	505	194	82.1	74.4	37.0	66.0	81.2	88.8	107	149	1976
1977	135	98.3	215	173	43.1	17.6	17.3	23.8	36.8	115	154	255	108	1977
1978	235	177	124	448	280	44.8	16.5	21.5	52.0	83.1	144	130	147	1978
1979	161	183	350	421	182	88.2	31.0	42.2	43.3	130	187	243	169	1979
1980	218	71.8	218	478	148	87.7	81.3	87.7	67.2	102	171	177	158	1980
1981	123	206	290	228	180	107	48.4	80.4	140	161	183	136	166	1981
1982	123	108	173	452	187	178	86.0	36.2	61.1	104	205	350	188	1982
1983	301	178	141	295	358	92.4	24.2	31.0	31.1	61.8	87.6	128	148	1983
1984	111	223	282	441	205	80.7	37.3	44.8	70.8	48.8	114	142	148	1984
1985	222	206	413	426	173	72.0	38.8	28.6	171	136	284	205	198	1985
1986	166	134	233	288	137	188	80.0	76.3	188	303	165	167	189	1986
1987	186	86.8	178	378	88.3	84.4	31.8	18.3	34.8	46.3	86.0	186	110	1987
1988	121	131	136	383	144	34.1	21.8	15.0	27.3	86.4	138	78.4	86.8	1988
MEAN	183	151	209	339	193	88.0	88.8	41.7	89.4	80.1	136	171	142	MEAN

LOCATION - LAT 44 15 50 N DRAINAGE AREA, 12 000 km^2
LONG 77 36 10 W REGULATED

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1883	---	---	---	---	1883
1884	---	311 ON APR 22	10.6 E ON AUG 4	2 150 000	1884
1885	486 AT 15:30 EST ON APR 28	480 ON APR 20	14.0 ON JUN 15	4 120 000	1885
1886	463 AT 07:00 EST ON JAN 14	439 ON DEC 15	13.8 ON JUL 28	4 240 000	1886
1887	430 AT 14:00 EST ON NOV 17	425 ON NOV 18	28.6 ON SEP 15	6 170 000	1887
1888	442 AT 11:00 EST ON MAR 20	419 ON MAR 21	11.6 ON AUG 4	3 870 000	1888
1889	520 AT 08:25 EST ON MAY 22	510 ON MAY 23	18.4 ON SEP 17	4 180 000	1889
1890	391 AT 08:13 EST ON APR 24	385 ON APR 25	20.5 ON AUG 10	3 300 000	1890
1891	618 AT 23:42 EST ON APR 29	618 ON APR 28	21.2 ON AUG 15	3 580 000	1891
1892	515 AT 03:00 EST ON APR 18	513 ON APR 18	41.1 E ON SEP 15	5 370 000	1892
1893	584 AT 18:41 EST ON APR 11	584 ON APR 12	18.1 ON JUL 18	5 200 000	1893
1894	483 AT 10:55 EST ON APR 24	481 ON APR 25	18.3 ON AUG 25	5 320 000	1894
1895	---	478A ON APR 30	13.1 ON AUG 12	3 850 000	1895
1896	705 AT 18:32 EST ON APR 7 *	702 ON APR 7 *	16.8 ON JUN 22	4 720 000	1896
1897	382 AT 10:21 EST ON MAR 15	381 ON MAR 15	11.8 ON JUL 28	3 380 000	1897
1898	618 AT 18:01 EST ON APR 7	618 ON APR 24	12.7 ON JUL 13	4 630 000	1898
1899	647 AT 18:24 EST ON APR 7	634 ON APR 7	18.8 ON JUL 28	5 330 000	1899
1900	670 AT 14:00 EST ON MAR 24	595 ON MAR 25	19.5 ON JUL 12	5 030 000	1900
1901	---	881 ON FEB 27	21.4 ON JUL 17	4 830 000	1901
1902	526 AT 08:30 EST ON APR 25	534 ON APR 25	20.5 ON SEP 9	5 260 000	1902
1903	438 AT 15:53 EST ON MAY 20	437 ON MAY 20	14.8 ON JUL 29	4 610 000	1903
1904	613 AT 21:10 EST ON APR 5	580 ON APR 7	14.7 ON AUG 5	4 890 000	1904
1905	485 AT 16:25 EST ON MAR 13	467 ON MAR 13	21.0 A ON JUL 31	5 230 000	1905
1906	427 AT 13:47 EST ON APR 3	422 ON APR 5	24.8 ON JUL 28	5 340 000	1906
1907	885 AT 05:56 EST ON APR 10	833 ON APR 9	4.80E ON AUG 2 *	3 480 000	1907
1908	---	415 ON APR 18	11.1 ON JUL 9	3 130 000	1908
				4 470 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	46.3	58.8	97.8	---	1949
1950	302	187	127	241	103	35.8	25.0	23.4	31.8	38.8	45.8	120	100	1950
1951	132	124	137	378	243	43.0	56.3	26.2	46.1	48.4	83.3	120	120	1951
1952	126	142	136	285	123	62.8	30.0	26.2	36.8	27.2	30.8	102	88.3	1952
1953	92.5	76.5	126	170	146	61.2	31.3	34.2	34.2	31.0	30.9	88.1	74.6	1953
1954	87.9	114	178	226	116	52.6	25.0	30.8	66.2	178	136	86.1	107	1954
1955	105	82.2	156	235	87.0	28.6	23.4	44.8	23.8	87.6	142	85.5	89.8	1955
1956	78.3	82.5	61.0	186	218	101	43.4	41.7	88.6	56.3	55.0	86.5	88.3	1956
1957	98.3	106	94.6	118	72.8	42.6	130	27.8	55.8	46.0	84.3	135	84.5	1957
1958	138	86.7	62.8	75.2	32.7	17.6	16.6	18.6	43.6	35.0	34.8	82.8	53.2	1958
1959	94.8	102	73.6	219	187	57.1	43.1	22.2	27.7	82.1	75.6	118	87.4	1959
1960	108	110	81.1	305	381	107	40.8	38.0	32.6	27.6	35.7	43.6	115	1960
1961	38.7	31.6	64.2	191	81.6	73.4	42.3	31.0	61.6	28.3	28.6	92.3	62.2	1961
1962	71.6	62.3	67.8	80.8	41.1	28.6	20.8	20.3	21.6	63.6	81.7	87.4	63.8	1962
1963	72.2	70.6	77.6	118	121	36.3	16.0	38.7	44.0	46.4	28.3	86.4	60.0	1963
1964	66.1	84.6	61.4	118	82.6	42.6	28.1	31.3	28.8	28.8	30.8	36.4	48.6	1964
1965	82.8	117	117	206	127	28.3	28.8	26.6	36.3	86.6	144	182	98.2	1965
1966	161	102	166	81.1	86.6	62.1	23.0	23.6	24.6	28.6	81.0	223	86.6	1966
1967	114	111	73.6	168	101	132	177	66.6	47.8	169	241	161	126	1967
1968	184	166	166	130	47.3	36.1	23.0	26.6	31.0	41.6	47.6	134	82.6	1968
1969	76.3	106	76.4	206	216	76.7	66.1	32.1	18.4	62.1	72.0	78.2	86.3	1969
1970	82.2	86.2	76.6	176	80.4	36.0	64.0	33.2	38.7	83.2	72.6	106	72.4	1970
1971	83.0	80.0	101	228	114	33.2	36.0	24.1	31.3	38.4	36.6	76.9	76.3	1971
1972	111	101	76.7	244	217	106	80.6	62.0	38.0	76.4	174	158	121	1972
1973	161	166	266	309	132	60.1	30.0	31.7	33.1	62.6	83.4	136	120	1973
1974	130	134	116	294	262	63.6	37.2	33.6	36.3	66.7	120	140	121	1974
1975	126	86.7	184	224	126	37.4	18.6	16.9	36.4	26.3	41.4	63.4	63.6	1975
1976	106	116	226	336	140	40.6	60.2	33.1	62.2	47.6	83.0	87.7	107	1976
1977	74.3	66.6	146	126	27.6	18.4	16.6	24.6	33.1	71.4	110	176	76.6	1977
1978	163	110	82.6	280	182	27.1	16.6	23.4	46.4	66.3	83.0	87.8	86.0	1978
1979	111	102	241	261	132	60.6	26.6	36.3	37.6	76.6	106	173	114	1979
1980	186	84.1	136	340	76.0	63.6	61.6	66.6	63.1	71.7	124	130	111	1980
1981	93.3	184	164	166	97.0	82.1	26.6	36.7	61.0	87.4	126	83.2	101	1981
1982	86.4	66.0	106	261	81.6	114	34.6	36.6	62.1	76.6	170	266	116	1982
1983	203	112	72.1	172	272	66.3	17.1	24.2	23.6	40.3	74.0	87.0	86.6	1983
1984	86.6	166	201	266	114	40.3	30.8	36.8	70.7	36.7	66.3	103	102	1984
1985	186	166	263	466	106	66.7	26.0	26.4	137	106	207	160	142	1985
1986	116	107	164	166	66.0	67.6	37.7	60.6	127	204	66.4	66.2	111	1986
1987	114	67.6	112	206	26.6	31.3	22.3	16.4	26.2	30.6	61.6	126	71.6	1987
1988	116	111	66.6	172	103	34.2	16.6	16.3	26.6	41.6	63.4	66.4	73.4	1988
MEAN	114	106	126	211	126	64.6	36.4	31.6	44.4	62.6	87.3	110	93.1	MEAN

LOCATION - LAT 44 22 14 N DRAINAGE AREA, 9 090 km^2
LONG 77 46 42 W REGULATED

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	---	1949
1950	---	320 ON APR 8	9.37 ON JUL 30	3 170 000	1950
1951	---	666 ON MAY 4 *	10.1 ON AUG 28	3 780 000	1951
1952	---	343 ON APR 23	10.1 ON AUG 24	3 010 000	1952
1953	---	309 ON APR 5	8.41 ON AUG 23	2 350 000	1953
1954	---	385 ON APR 20	8.00 ON JUL 11	3 370 000	1954
1955	---	272 ON APR 22	14.4 ON MAY 21	2 840 000	1955
1956	---	300 ON MAY 11	15.3 ON SEP 23	2 830 000	1956
1957	---	287 ON JUL 8	14.1 ON JUL 28	2 880 000	1957
1958	---	227 ON JAN 4	10.2 ON JUL 1	1 880 000	1958
1959	---	289 ON APR 22	10.8 ON AUG 8	2 780 000	1959
1960	---	493 ON APR 27	22.1 ON AUG 9	3 840 000	1960
1961	---	203 ON APR 27	13.4 ON JUL 8	1 850 000	1961
1962	---	180 ON MAR 31	10.2 ON AUG 26	1 700 000	1962
1963	---	189 ON MAY 13	9.83 ON JUL 1	1 890 000	1963
1964	---	208 ON APR 18	3.88 ON AUG 2	1 570 000	1964
1965	---	276 ON APR 29	8.21 ON JUN 18	3 130 000	1965
1966	---	320 ON DEC 17	7.88 ON JUL 24	2 700 000	1966
1967	---	306 ON JUL 6	13.3 ON SEP 17	4 030 000	1967
1968	---	258 ON APR 3	3.11 ON AUG 3 *	2 820 000	1968
1969	---	343 ON MAY 22	11.6 ON SEP 14	2 780 000	1969
1970	---	253 ON APR 22	7.85 ON AUG 8	2 280 000	1970
1971	---	300 ON APR 14	11.3 ON JUN 20	2 370 000	1971
1972	---	354 ON APR 15	27.4 ON SEP 24	3 820 000	1972
1973	---	442 ON APR 12	8.44 ON JUL 15	3 800 000	1973
1974	---	345 ON APR 23	13.8 ON AUG 24	3 810 000	1974
1975	---	323 ON MAR 23	5.21 ON AUG 8	2 840 000	1975
1976	---	442 ON APR 10	14.8 ON JUN 17	3 370 000	1976
1977	---	282 ON MAR 15	8.58 ON JUL 27	3 [illegible] 000	1977
1978	---	343 ON APR 24	8.54 ON JUL 14	3 080 000	1978
1979	---	408 ON APR 5	14.5 ON JUL 20	3 800 000	1979
1980	---	389 ON APR 18	12.0 ON JUL 13	3 810 000	1980
1981	---	391 ON FEB 28	15.8 ON JUL 15	3 180 000	1981
1982	---	344 ON APR 25	15.9 ON JUL 10	3 730 000	1982
1983	---	330 ON MAY 20	8.85 ON JUN 24	3 050 000	1983
1984	---	310 ON APR 7	15.2 ON AUG 3	3 330 000	1984
1985	---	388 ON MAR 15	18.0 ON AUG 4	4 480 000	1985
1986	---	307 ON APR 1	21.4 ON JUL 27	3 800 000	1986
1987	---	380 ON APR 8	11.3 ON MAY 21	2 270 000	1987
1988	---	282 ON APR 18	10.7 ON AUG 22	2 320 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 840 000	MEAN

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.001	0.008	0.007	0.012	0.018	---	1982
1983	0.007	0.003	0.018	0.051	0.085	0.014	0.003	0.002	0.004	0.008	0.018	0.008	0.017	1983
1984	0.004	0.006	0.005	0.058	0.035	0.006	0.008	0.002	0.002	0.004	0.012	0.008	0.012	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	0.003	0.001	0.008	0.054	0.034	0.021	0.005	0.005	0.005	0.008	0.005	0.008	0.013	1986
1987	0.005	0.004	0.015	0.051	0.018	0.011	0.005	0.002	0.002	0.011	0.010	0.012	0.012	1987
1988	0.005	0.003	0.004	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.005	0.003	0.010	0.054	0.038	0.014	0.005	0.002	0.004	0.008	0.011	0.011	0.014	MEAN

LOCATION - LAT 48 02 32 N
LONG 77 23 56 W
DRAINAGE AREA, 2.88 km^2

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAIL. FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0 ON JUL 23 *	---	1982
1983	0.228 AT 09:47 EST ON MAY 8 *	0.218 ON MAY 8 *	0 ON SEP 8	524	1983
1984	0.195 AT 08:15 EST ON APR 8	0.122 ON APR 7	0 ON AUG 24	384	1984
1985	0.190 AT 12:34 EST ON APR 23	---	---	---	1985
1986	0.116 AT 10:40 EST ON APR 2	0.105 ON APR 2	0 ON AUG 31	403	1986
1987	0.130 AT 23:14 EST ON APR 8	0.118 ON APR 8	0 ON JUL 12	381	1987
1988	---	---	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		433	MEAN

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

TRIBUTARY TO WYE RIVER BELOW ELMVALE - STATION NO. 02ED018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0	0	0.001	0.015	0.108	0.045	---	1988
1988	---	2.84	2.81	3.11	2.10	1.16	0.788	0.778	1.00	1.27	1.83	1.29	---	1988
MEAN	---	---	---	---	---	---	0	0	0.001	0.015	0.108	0.045	---	MEAN
MEAN	---	2.84	2.81	3.11	2.10	1.16	0.788	0.778	1.00	1.27	1.83	1.29	---	MEAN

LOCATION - LAT 44 35 33 N DRAINAGE AREA, 15.3 km²
LOCATION - LAT 44 11 58 N DRAINAGE AREA, 195 km²
LONG 79 57 36 W NATURAL FLOW
LONG 79 52 15 W NATURAL FLOW

REMARKS - STATION OPERATION ASSUMED BY WRB APR 1988. OPERATED BY OMOE AS 02ED103 UP 1988
REMARKS - STATION ACTIVATED JUNE, 1988

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	8.748 ON MAR 26 *	0.700E ON JUL 26 *	---	1988
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	0.032	0.049	0.045	0.062	0.606	1.40	---	1966
1967	0.836	0.311	1.38	1.25	0.186	1.12	0.160	0.138	0.040	0.621	0.882	1.27	0.704	1967
1968	0.280	1.54	1.53	0.316	0.170	0.084	0.044	0.031	0.183	0.342	0.770	0.526	0.487	1968
1969	0.678	1.04	2.13	1.51	0.437	0.102	0.057	0.066	0.070	0.070	0.186	0.066	0.630	1969
1970	0.066	0.241	0.843	2.10	0.341	0.058	0.043	0.006	0.040	0.226	0.778	0.730	0.458	1970
1971	0.187	0.606	1.06	2.30	0.126	0.067	0.027	0.007	0.005	0.023	0.066	0.314	0.369	1971
1972	0.374	0.083	1.30	2.46	0.182	0.067	0.064	0.028	0.043	0.264	0.438	0.830	0.606	1972
1973	1.30	0.266	2.61	0.694	0.467	0.078	0.062	0.066	0.028	0.056	0.826	0.474	0.573	1973
1974	1.16	0.619	1.56	1.13	1.33	0.066	0.067	0.043	0.032	0.033	0.122	0.040	0.602	1974
1975	0.621	0.604	1.53	1.66	0.176	0.138	0.070	0.066	0.110	0.060	0.121	0.776	0.637	1975
1976	0.274	2.14	2.15	0.626	0.469	0.073	0.060	0.177	0.103	0.117	0.231	0.146	0.671	1976
1977	0.082	0.061	2.84	0.792	0.062	0.067	0.039	0.036	0.015	0.760	0.664	1.03	0.696	1977
1978	0.263	0.126	0.675	3.80	0.311	0.106	0.064	0.038	0.183	0.142	0.181	0.349	0.617	1978
1979	0.613	0.244	2.63	1.72	0.276	0.068	0.048	0.034	0.032	0.066	0.766	1.21	0.683	1979
1980	0.360	0.066	1.63	1.02	0.377	0.221	0.063	0.048	0.052	0.118	0.076	0.437	0.375	1980
1981	0.062	2.14	0.483	0.486	0.222	0.080	0.048	0.044	0.430	0.606	0.276	0.210	0.428	1981
1982	0.234	0.080	2.56	2.06	0.221	0.241	0.065	0.126	1.20	0.246	1.46	1.63	0.864	1982
1983	0.388	0.660	0.526	0.834	0.662	0.476	0.894	0.827	0.263	0.311	0.721	0.933	0.628	1983
1984	0.156	2.07	1.46	0.662	0.390	0.364	0.122	0.066	0.426	0.066	0.606	1.10	0.664	1984
1985	0.348	2.61	3.56	1.63	0.121	0.271	0.264	0.061	0.122	0.331	1.37	0.532	0.810	1985
1986	0.740	0.236	2.60	0.667	0.320	0.183	0.034	0.018	0.066	0.813	0.316	0.486	0.606	1986
1987	0.265	0.064	1.69	0.624	0.147	0.093	0.066	0.036	0.035	0.064	0.466	0.897	0.421	1987
1988	0.344	0.610	1.60	0.769	0.232	0.080	0.032	0.023	0.026	0.327	0.978	0.471	0.637	1988
MEAN	0.462	0.768	1.78	1.35	0.340	0.188	0.108	0.078	0.216	0.264	0.658	0.703	0.583	MEAN

LOCATION - LAT 43 17 43 N DRAINAGE AREA, 36.0 km²
LONG 80 58 24 W NATURAL FLOW

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	---	---	---	1986
1987	21.1 AT 00:30 EST ON APR 3	9.84 ON JAN 25	0 ON SEP 8 *	22 200	1987
1988	22.3 B AT 14:00 EST ON FEB 2	17.2 B ON FEB 2	0 ON AUG 30	15 400	1988
1989	17.4 AT 23:30 EST ON MAR 20	11.8 ON MAR 21	0 ON AUG 31	16 700	1989
1970	16.6 AT 18:38 EST ON APR 8	11.0 ON APR 8	0 ON JUN 28	14 400	1970
1971	16.3 AT 04:54 EST ON APR 2	13.1 ON APR 2	0 ON AUG 1	12 300	1971
1972	16.5 AT 10:10 EST ON APR 13	12.0 ON APR 13	0.031 ON AUG 21	16 000	1972
1973	16.8 AT 15:35 EST ON MAR 11	6.88 ON MAR 11	0.032 ON SEP 4	16 100	1973
1974	19.6 AT 02:12 EST ON MAR 6	12.0 ON MAY 19	0.024 ON SEP 27	16 800	1974
1975	24.6 AT 04:21 EST ON APR 19	15.0 ON APR 19	0.009 ON JAN 3	16 900	1975
1976	19.8 AT 16:50 EST ON MAR 5	9.80 ON MAR 5	0.034 ON AUG 12	16 000	1976
1977	22.7 AT 03:07 EST ON MAR 13	16.3 ON MAR 13	0.005 ON AUG 28	16 600	1977
1978	17.4 AT 19:41 EST ON APR 7	14.8 ON APR 11	0.025 ON SEP 7	16 300	1978
1979	22.0 AT 00:13 EST ON APR 14	17.0 ON APR 14	0.020 ON SEP 27	20 800	1979
1980	21.1 AT 12:32 EST ON MAR 21	14.1 ON MAR 21	0.036 ON AUG 27	11 800	1980
1981	15.8 AT 16:02 EST ON FEB 23	11.4 ON FEB 23	0.025 ON AUG 24	13 600	1981
1982	44.3 AT 02:28 EST ON MAR 31 *	28.8 ON MAR 31 *	0.038 ON AUG 18	27 200	1982
1983	39.4 AT 07:04 EST ON JUL 28	14.2 ON JUL 28	0.085 ON JUL 15	19 800	1983
1984	16.2 AT 19:06 EST ON FEB 14	14.1 ON FEB 14	0.037 ON AUG 4	21 800	1984
1985	29.4 AT 19:42 EST ON FEB 24	21.0 ON FEB 24	0.034 ON AUG 22	28 700	1985
1986	21.4 AT 14:26 EST ON MAR 19	13.0 ON MAR 19	0 ON AUG 1	19 100	1986
1987	8.78 AT 21:19 EST ON DEC 20	6.35 ON MAR 8	0.028 ON SEP 16	13 300	1987
1988	---	8.18 ON APR 3	0.013 ON AUG 28	13 800	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 800	MEAN

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	3.44	1.52	---	---	1945
1946	---	---	5.13	0.602	0.803	0.546	0.388	0.276	0.262	0.363	0.511	---	---	1946
1947	---	---	---	19.0	3.84	3.88	1.12	0.483	0.526	0.471	0.682	---	---	1947
1948	---	---	---	2.31	2.84	0.614	0.576	0.371	0.206	0.283	0.535	---	---	1948
1949	---	---	3.17	1.09	0.451	0.275	0.384	0.222	0.284	0.596	0.648	---	---	1949
1950	---	---	---	5.98	1.21	0.807	0.615	0.419	0.354	0.371	0.630	---	---	1950
1951	---	---	---	4.32	1.38	0.517	0.708	0.418	0.501	0.482	1.37	1.18	---	1951
1952	3.10	2.22	4.98	3.88	1.81	0.378	0.283	0.242	0.188	0.238	0.382	0.318	1.48	1952
1953	---	---	4.38	1.18	2.18	3.27	0.707	0.387	0.388	0.338	0.433	0.482	---	1953
1954	0.828	5.41	5.92	4.84	1.18	0.886	0.388	0.283	0.375	3.80	0.874	1.72	2.32	1954
1955	2.06	1.09	5.87	3.07	0.881	0.426	0.288	0.234	0.261	0.586	1.28	1 18	1.43	1955
1956	0.818	0.718	5.86	5.07	4.53	0.744	0.718	4.45	1.40	0.712	0.882	2.86	2.40	1956
1957	2.84	3.24	2.91	2.80	1.54	1.84	1.82	0.843	0.818	0.784	5.82	5.82	2.80	1957
1958	0.807	0.888	3.86	1.37	0.580	0.418	0.435	0.272	0.882	0.448	1.18	0.844	0.880	1958
1959	1.34	1.78	6.87	7.24	1.78	0.871	0.380	0.288	0.384	1.20	2.42	2.20	2.19	1959
1960	1.34	1.85	1.08	11.8	2.84	1.38	1.18	0.382	0.282	0.388	0.880	0.473	1.84	1960
1961	0.327	4.36	2.14	2.34	1.84	0.888	0.488	0.440	0.404	0.364	0.848	1.41	1.38	1961
1962	0.888	0.817	6.01	1.84	0.804	0.487	0.293	0.307	0.278	0.488	0.808	1.11	1.14	1962
1963	0.498	0.441	6.23	1.53	0.888	0.803	0.420	0.307	0.278	0.220	0.413	0.388	1.02	1963
1964	0.884	0.578	2.78	2.38	0.723	0.348	0.417	1.24	0.808	0.328	0.388	1.80	1.08	1964
1965	1.87	4.62	3.24	4.88	0.898	0.138	0.133	0.188	0.708	0.288	1.41	5.42	1.88	1965
1966	2.88	2.38	0.808	0.180	0.181	0.328	1.18	2.01	2.88	1.82	2.38	4.88	1.78	1966
1967	2.16	1.78	0.832	3.40	0.871	3.38	0.832	1.78	3.84	3.81	4.70	3.30	2.81	1967
1968	1.28	5.12	0.284	0.833	0.803	0.808	1.14	1.78	1.88	3.33	1.08	3.42	1.83	1968
1969	0.888	3.78	1.40	4.12	1.82	0.728	0.882	1.87	2.21	1.83	1.21	1.28	1.73	1969
1970	0.472	0.832	0.457	1.17	0.803	0.525	0.801	1.48	1.81	1.81	2.08	3.58	1.28	1970
1971	1.02	0.787	1.31	2.87	0.784	0.418	1.08	1.87	1.27	1.20	0.884	0.858	1.20	1971
1972	1.10	0.821	0.838	3.78	0.888	0.280	1.10	1.37	2.08	1.83	2.88	2.83	1.84	1972
1973	2.80	2.88	4.18	1.55	1.24	1.11	1.20	1.24	1.87	1.83	2.03	2.31	1.88	1973
1974	1.88	3.78	2.40	1.40	4.31	0.883	1.47	2.03	2.24	1.71	0.837	0.802	1.87	1974
1975	2.04	1.42	1.80	5.02	0.884	1.11	6.88	0.381	0.531	0.803	1.48	1.88	2.01	1975
1976	1.02	2.58	8.33	1.38	1.81	0.825	2.21	3.22	2.24	2.88	2.87	0.808	2.34	1976
1977	0.807	0.444	4.48	1.86	1.00	0.713	2.17	2.37	5.20	6.08	2.14	3.18	2.88	1977
1978	1.40	0.861	1.84	8.83	1.23	1.18	1.80	1.83	2.18	3.18	1.48	1.88	2.08	1978
1979	1.82	0.701	1.88	7.28	1.44	1.88	1.10	2.17	3.80	3.78	3.28	2.17	2.84	1979
1980	3.40	0.411	0.315	3.04	1.88	1.28	1.48	3.43	3.20	3.18	2.10	1.31	2.05	1980
1981	0.371	0.870	2.83	0.828	0.871	1.28	1.88	2.11	3.87	4.73	3.41	1.20	2.01	1981
1982	0.788	0.813	1.41	8.87	0.788	1.28	1.24	1.88	5.23	4.01	5.43	4.28	2.81	1982
1983	3.83	2.04	0.722	0.444	1.48	2.03	1.28	3.88	2.81	1.84	2.83	8.38	2.32	1983
1984	1.27	3.87	2.84	1.81	1.08	1.80	1.48	1.78	3.11	3.24	0.803	1.88	2.10	1984
1985	3.05	1.17	8.87	5.18	0.850	0.808	1.88	2.22	3.28	1.88	5.89	3.52	3.24	1985
1986	1.48	1.80	3.88	1.23	0.871	1.44	1.84	1.88	1.84	8.38	2.32	1.80	2.20	1986
1987	1.88	1.88	0.884	2.84	1.04	0.878	0.788	0.888	1.28	1.28	1.28	1.82	1.32	1987
1988	2.21	1.70	0.823	2.17	0.878	0.881	0.870	0.888	0.883	0.808	3.88	1.28	1.41	1988
MEAN	1.88	1.88	3.11	3.88	1.37	1.03	1.11	1.28	1.87	1.78	1.80	2.17	1.80	MEAN

LOCATION - LAT 43 15 50 N DRAINAGE AREA, 140 km^2
LONG 81 04 48 W REGULATED

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	31.1 ON MAR 9	0.113 ON AUG 28	---	1946
1947	---	80.0 ON APR 8 *	---	---	1947
1948	---	61.4 ON MAR 19	---	---	1948
1949	---	29.7 ON FEB 18	---	---	1949
1950	64.4 AT 13:00 EST ON APR 4	48.7 ON APR 5	---	---	1950
1951	---	---	---	---	1951
1952	---	20.4 B ON MAR 11	0.142 ON SEP 1	45 000	1952
1953	---	---	---	---	1953
1954	---	63.4 ON FEB 18	0.170 ON AUG 23	70 200	1954
1955	---	35.1 ON MAR 11	0.113 ON JUL 30	45 000	1955
1956	---	47.6 ON MAR 7	0.311 ON JUL 14	75 400	1956
1957	---	43.8 ON NOV 15	0.227 ON JUN 6	75 800	1957
1958	---	8.83 ON MAR 24	0.142 ON AUG 14	30 300	1958
1959	---	40.2 ON APR 2	0.142 ON AUG 13	85 100	1959
1960	68.5 AT 22:00 EST ON APR 3 *	48.4 ON APR 3	0.1028 ON MAR 11	61 400	1960
1961	---	28.7 ON FEB 24	0.1838 ON FEB 1	39 200	1961
1962	23.6 B AT 20:00 EST ON MAR 25	18.0 E ON MAR 24	0.213 ON JUL 18	36 000	1962
1963	52.7 AT 01:00 EST ON MAR 26	43.0 ON MAR 26	0.184 ON OCT 5	32 300	1963
1964	24.0 AT 00:30 EST ON DEC 26	18.4 ON DEC 26	0.204 ON JUL 23	33 100	1964
1965	47.3 AT 02:30 EST ON FEB 11	38.9 ON FEB 11	0.085 ON APR 1 *	61 800	1965
1966	26.1 AT 15:00 EST ON NOV 18	10.2 ON FEB 12	0.118 ON DEC 31	86 000	1966
1967	21.8 AT 18:00 EST ON APR 4	15.2 ON APR 4	0.118 ON JAN 1	79 000	1967
1968	---	18.0 E ON FEB 7	0.113 ON MAR 14	57 900	1968
1969	10.8 AT 13:00 EST ON MAR 28	7.73 ON FEB 4	0.167 ON FEB 13	84 700	1969
1970	10.8 AT 12:08 EST ON DEC 6	9.74 ON APR 11	0.088 ON MAR 20	40 400	1970
1971	9.85 AT 22:32 EST ON APR 9	9.66 ON APR 10	0.282 ON JUN 26	37 800	1971
1972	14.2 AT 20:23 EST ON APR 19	13.9 ON APR 15	0.125 ON JUN 13	51 700	1972
1973	11.6 AT 10:36 EST ON MAR 14	7.70 ON MAR 18	0.210 ON MAY 6	82 500	1973
1974	28.6 AT 21:12 EST ON MAY 17	22.1 ON MAY 18	0.088 ON JAN 22	82 100	1974
1975	80.4 AT 08:45 EST ON JUL 28	48.1 ON JUL 29	0.074 ON DEC 11	63 400	1975
1976	18.4 AT 08:37 EST ON MAR 6	15.3 ON MAR 8	0.588 ON MAY 19	74 000	1976
1977	18.4 AT 14:40 EST ON MAR 16	18.8 ON MAR 17	0.212 ON MAR 14	80 300	1977
1978	30.0 AT 18:00 EST ON APR 12	28.2 ON APR 12	0.261 ON APR 6	65 800	1978
1979	28.3 AT 06:26 EST ON APR 15	24.5 ON APR 15	0.387 ON MAR 9	80 000	1979
1980	8.83 AT 12:25 EST ON JAN 2	8.55 ON JAN 3	0.088 ON MAR 25	84 900	1980
1981	8.87 AT 09:43 EST ON NOV 4	8.44 ON NOV 5	0.186 ON FEB 24	63 800	1981
1982	25.3 AT 15:09 EST ON APR 13	23.2 ON APR 14	0.307 ON MAY 25	86 400	1982
1983	10.0 AT 00:42 EST ON JAN 1	8.47 ON JAN 1	0.327 ON MAR 24	73 200	1983
1984	10.1 AT 23:15 EST ON FEB 25	10.1 ON FEB 25	0.476 ON FEB 9	68 800	1984
1985	17.8 AT 14:32 EST ON MAR 7	15.6 ON MAR 8	0.806 ON JUN 20	102 000	1985
1986	15.9 AT 15:15 EST ON OCT 2	15.1 ON OCT 3	0.805 ON APR 18	89 300	1986
1987	4.83 AT 13:14 EST ON APR 6	4.88 ON APR 14	0.121 ON JUL 18	41 800	1987
1988	---	9.51 ON NOV 15	0.280 ON MAR 22	44 800	1988
				80 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO. 08OC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	17.3	16.1	15.2	14.8	21.6	28.1	25.5	24.7	24.0	22.4	18.7	19.8	20.6	1970
1971	24.1	19.1	15.3	26.7	32.3	25.6	26.6	18.3	13.8	13.3	14.6	13.7	20.8	1971
1972	12.1	12.1	12.8	13.6	26.6	16.3	15.8	13.7	13.4	16.3	13.9	12.7	15.0	1972
1973	10.8	9.86	9.66	17.0	17.2	17.6	13.8	12.3	16.3	16.3	16.6	14.8	14.4	1973
1974	13.6	13.6	12.3	12.6	60.2	66.6	30.6	30.6	37.1	24.9	19.8	16.4	28.4	1974
1975	14.8	15.2	13.8	16.2	36.7	33.0	22.3	23.6	19.0	14.5	14.5	12.7	19.6	1975
1976	12.3	11.7	11.1	16.6	16.6	14.7	8.72	6.13	4.80	4.00	3.66	3.66	8.62	1976
1977	3.44	3.27	3.73	7.81	10.4	14.1	17.3	13.6	25.6	17.4	15.7	14.7	12.3	1977
1978	12.8	12.0	11.0	12.1	36.6	31.7	26.0	23.6	20.3	18.5	14.4	12.1	19.3	1978
1979	10.6	10.6	10.6	16.2	32.3	24.6	14.8	16.2	22.4	19.6	22.3	17.4	18.1	1979
1980	16.6	13.3	12.6	20.0	22.4	16.3	11.2	8.80	13.6	16.6	12.7	10.4	14.6	1980
1981	8.88	8.16	8.01	9.21	10.3	12.3	8.67	7.43	6.66	8.82	8.76	8.30	8.22	1981
1982	7.85	7.46	8.88	10.8	34.2	40.8	20.7	16.7	11.7	16.4	13.4	11.6	16.6	1982
1983	10.2	9.77	9.06	9.48	10.6	16.1	16.0	12.6	9.11	8.09	8.97	9.87	10.6	1983
1984	8.84	7.33	6.63	10.3	21.6	30.6	21.0	16.6	11.3	13.7	16.2	14.0	14.6	1984
1985	11.6	10.2	9.31	16.6	36.6	38.7	37.3	26.6	26.6	26.1	20.2	16.6	23.2	1985
1986	13.7	12.2	12.2	21.1	33.3	16.0	16.3	13.2	13.6	16.6	14.6	12.6	16.6	1986
1987	11.1	9.84	8.82	20.6	17.0	14.2	8.00	7.07	4.80	3.46	2.26	1.89	9.26	1987
1988	2.54	3.11	3.66	6.80	8.26	6.43	6.66	6.73	6.26	6.00	4.86	6.34	6.26	1988
MEAN	11.6	10.6	10.2	14.6	26.6	24.6	18.7	16.6	16.0	14.6	12.4	11.6	16.7	MEAN

LOCATION - LAT 50 54 30 N
LONG 93 06 00 W
DRAINAGE AREA, 2 370 km^2
NATURAL FLOW

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO. 050C003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	26.5A ON JUN 5	14.2 ON MAR 2	550 000	1970
1971	47.3 AT 21:47 CST ON APR 22	46.7 ON APR 22	13.6 ON SEP 26	848 000	1971
1972	32.3 AT 17:28 CST ON MAY 3	22.0 ON MAY 3	11.5 B ON JAN 23	476 000	1972
1973	44.7 AT 19:10 CST ON APR 22	43.9 ON APR 22	8.308 ON MAR 28	453 000	1973
1974	104 AT 04:51 CST ON MAY 22 *	100 ON MAY 25 *	11.2 B ON APR 5	886 000	1974
1975	46.7 AT 08:20 CST ON JUN 25	45.3 ON JUN 25	12.5 B ON DEC 27	619 000	1975
1976	37.4 AT 11:15 CST ON APR 18	36.8 ON APR 18	3.618 ON DEC 26	304 000	1976
1977	43.6 AT 03:00 CST ON SEP 12	42.8 ON SEP 11	3.318 ON FEB 14	387 000	1977
1978	58.1 AT 15:26 CST ON MAY 12	56.5 ON MAY 12	10.3 B ON MAR 30	810 000	1978
1979	41.4 AT 19:50 CST ON MAY 19	39.4 ON MAY 20	8.07 ON APR 17	570 000	1979
1980	41.7 AT 18:21 CST ON APR 23	40.6 ON APR 24	8.68 ON AUG 17	459 000	1980
1981	16.4 AT 15:11 CST ON JUN 29	16.2 ON JUN 28	8.33 ON SEP 6	281 000	1981
1982	56.3 AT 17:32 CST ON MAY 21	54.7 ON MAY 21	8.688 ON MAR 24	519 000	1982
1983	24.4 AT 20:43 CST ON JUL 5	24.2 ON JUL 6	8.888 ON DEC 12	330 000	1983
1984	39.2 AT 11:54 CST ON JUN 10	38.9 ON JUN 10	8.058 ON MAR 27	463 000	1984
1985	59.6 AT 23:23 CST ON JUN 29	58.6 ON JUN 29	9.748 ON APR 1	733 000	1985
1986	56.4E AT 11:54 CST ON APR 30	56.0 ON APR 30	11.2 ON AUG 31	523 000	1986
1987	26.6 AT 16:00 CST ON APR 13	26.6 ON APR 13	1.928 ON DEC 2 *	283 000	1987
1988	12.3 AT 17:55 CST ON JUL 19	12.0 ON JUL 18	2.308 ON JAN 1	157 000	1988
				494 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.528	0.354	0.384	0.400	0.237	0.284	0.182	0.822	0.678	---	1982
1983	0.218	0.276	0.358	0.697	0.820	0.831	0.818	0.381	0.378	0.347	0.547	0.838	0.603	1983
1984	0.222	0.574	0.838	0.384	0.381	0.208	0.147	0.347	0.183	0.207	0.271	0.303	0.338	1984
1985	0.382	1.06	0.788	0.433	0.289	0.218	0.288	0.418	0.238	0.418	0.778	0.244	0.488	1985
1986	0.234	0.881	0.833	0.348	0.178	0.451	0.227	0.285	0.723	0.484	0.238	0.524	0.405	1986
1987	0.284	0.284	0.381	0.402	0.331	0.726	0.427	0.418	0.411	0.330	0.405	0.802	0.424	1987
1988	0.383	0.428	0.328	0.332	0.187	0.198	0.147	0.148	0.247	0.288	0.488	0.253	0.278	1988
MEAN	0.277	0.627	0.588	0.443	0.381	0.384	0.381	0.320	0.348	0.288	0.478	0.491	0.400	MEAN

LOCATION - LAT 42 15 38 N
LONG 83 02 24 W
DRAINAGE AREA, 28.6 km^2
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM MAR 26 1982

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0.080 ON OCT 24 *	---	1982
1983	14.8 AT 09:21 EST ON JUL 28	7.88 ON MAY 2	0.110 ON JUN 18	15 900	1983
1984	19.4 AT 17:30 EST ON AUG 16 *	5.35 ON MAR 21	0.073 ON SEP 30	10 800	1984
1985	18.3 AT 04:22 EST ON OCT 19	9.56 ON FEB 23 *	0.078 ON MAY 19	14 300	1985
1986	16.0 AT 01:55 EST ON SEP 23	5.12 ON SEP 23	0.080 ON JAN 1	12 400	1986
1987	13.1 AT 08:34 EST ON DEC 15	5.47 ON DEC 15	0.102 ON OCT 12	13 400	1987
1988	---	2.24 ON NOV 30	0.071 ON OCT 13	8 710	1988
				12 600	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	35.2	33.0	38.2	28.3	11.4	---	1914
1915	5.14	5.32	6.17	14.3	37.8	57.6	66.6	39.6	18.8	19.8	---	---	---	1915
1916	---	---	---	---	---	137	60.3	46.1	50.0	45.7	32.1	18.6	---	1916
1917	14.2	12.2	13.4	27.1	57.5	31.5	20.3	21.4	34.2	27.5	23.8	10.5	24.5	1917
1918	4.08	2.36	3.27	24.8	46.1	50.5	36.4	40.0	28.2	26.7	---	---	---	1918
1919	---	---	---	53.4	67.3	30.4	102	54.5	34.1	---	---	---	---	1919
1920	---	---	---	---	---	---	---	20.3	12.7	10.5	8.46	8.31	---	1920
1921	8.87	9.34	9.62	41.5	58.0	55.7	27.2	22.7	23.0	23.3	18.4	16.6	26.4	1921
1922	15.0	14.1	13.2	52.5	68.5	45.3	26.6	22.3	20.6	14.2	17.6	17.0	28.1	1922
1923	16.3	15.2	14.5	42.4	67.1	38.6	27.8	26.6	22.1	17.3	14.5	12.1	27.6	1923
1924	10.7	10.3	9.72	21.2	47.9	35.3	23.1	21.4	20.6	16.5	12.6	10.9	20.0	1924
1925	10.1	9.63	10.1	47.7	58.3	51.9	42.8	28.3	19.3	19.2	16.1	12.6	27.0	1925
1926	11.0	10.4	10.3	16.3	34.9	45.6	85.2	42.5	43.2	70.1	51.6	35.3	38.5	1926
1927	26.0	22.6	16.6	73.3	204	152	188	71.2	46.2	42.6	31.2	22.3	76.7	1927
1928	17.7	14.8	16.2	26.8	66.2	56.3	66.8	46.7	69.8	78.9	48.4	33.0	45.5	1928
1929	23.6	19.6	16.1	36.3	40.4	30.7	23.0	15.5	11.5	9.75	8.73	8.23	20.5	1929
1930	7.75	7.48	7.67	16.0	40.1	28.5	34.8	18.6	10.2	8.31	9.69	10.6	18.6	1930
1931	8.38	8.12	8.86	16.8	29.1	30.1	19.4	13.9	12.6	16.7	19.2	20.6	17.1	1931
1932	15.0	15.3	14.3	49.0	86.8	37.3	23.6	19.7	16.0	12.4	21.2	25.3	27.8	1932
1933	22.4	19.5	16.8	47.9	83.0	40.8	21.8	15.2	11.8	12.2	13.6	13.7	26.6	1933
1934	13.8	14.0	13.6	33.8	118	84.5	49.0	27.1	19.9	18.6	22.9	19.8	34.7	1934
1935	16.2	14.7	15.8	54.3	111	61.5	77.6	50.2	27.8	25.0	24.8	21.7	41.8	1935
1936	18.0	16.2	14.4	24.1	67.1	42.8	26.8	16.3	13.0	9.14	7.40	8.80	21.7	1936
1937	8.31	4.84	6.82	36.8	111	86.9	46.2	28.4	20.1	16.8	13.6	10.3	32.3	1937
1938	9.21	9.03	9.82	63.2	137	83.4	36.6	27.6	14.6	9.88	8.87	8.11	33.3	1938
1939	8.18	8.85	8.43	12.6	28.0	31.1	26.7	22.3	16.0	14.6	11.8	8.47	16.8	1939
1940	7.85	8.81	8.72	8.81	44.4	27.8	18.7	10.5	8.80	6.89	8.85	8.25	12.7	1940
1941	8.09	8.00	8.87	53.7	67.1	87.6	58.4	33.2	104	236	95.2	55.7	66.9	1941
1942	41.3	36.2	32.6	61.6	86.7	41.0	36.3	28.3	87.5	44.4	31.8	26.6	40.4	1942
1943	20.6	21.7	23.3	41.3	151	128	84.7	45.5	34.3	28.7	21.7	17.7	52.3	1943
1944	14.2	11.6	10.1	14.2	62.0	87.6	53.8	89.8	88.2	46.0	22.8	18.8	38.0	1944
1945	19.6	19.0	20.9	72.7	87.2	28.3	38.2	32.4	47.1	41.3	18.5	17.7	34.6	1945
1946	18.8	16.3	17.5	68.4	83.8	42.8	36.4	33.4	20.6	73.2	26.3	18.9	32.1	1946
1947	14.6	14.4	15.4	29.5	78.9	116	77.6	42.2	29.0	33.6	27.5	22.9	41.9	1947
1948	21.1	18.4	16.3	55.6	132	47.3	32.6	31.8	25.0	13.1	10.9	8.45	33.7	1948
1949	8.17	8.48	8.51	40.5	84.4	44.1	37.3	34.2	16.9	13.7	16.3	17.2	28.3	1949
1950	14.0	12.3	11.7	25.2	180	118	128	71.6	47.7	33.3	27.4	25.6	59.3	1950
1951	21.6	18.7	17.8	53.6	137	86.6	36.7	32.0	28.3	34.1	34.3	36.2	41.9	1951
1952	22.1	19.6	17.2	30.7	42.6	36.6	120	70.4	27.4	13.3	8.30	7.25	35.0	1952
1953	8.71	8.03	7.33	15.4	21.6	80.7	52.7	28.6	28.4	32.1	21.6	16.0	25.9	1953
1954	15.4	15.3	16.0	61.1	138	82.4	53.6	30.0	20.7	19.3	17.3	17.2	40.6	1954
1955	10.5	8.98	9.80	56.6	87.6	63.6	52.0	23.6	14.9	18.4	22.2	21.7	31.0	1955
1956	18.9	17.1	6.80	41.1	135	88.4	46.6	28.6	15.5	11.7	11.2	9.90	36.6	1956
1957	10.1	7.98	7.59	40.2	83.2	51.1	44.3	24.4	26.7	25.6	29.6	25.7	31.5	1957
1958	18.3	16.7	15.5	30.7	35.5	34.1	46.5	24.4	25.5	16.7	17.6	23.5	23.6	1958
1959	19.0	15.4	14.9	28.7	48.2	63.6	49.4	46.1	39.3	26.3	26.6	20.9	33.4	1959
1960	16.6	16.6	15.2	26.6	43.6	82.6	41.1	23.6	21.6	18.6	15.4	15.6	29.1	1960
1961	15.6	15.2	15.2	38.0	80.5	43.2	24.6	18.4	34.3	43.6	25.5	19.3	28.9	1961
1962	11.7	11.2	11.2	28.4	111	119	78.5	77.1	55.9	34.1	20.1	18.2	47.3	1962
1963	15.0	13.7	13.2	35.8	43.1	132	81.6	66.2	62.9	27.2	18.1	17.0	46.5	1963
1964	16.3	15.4	14.6	38.7	162	107	84.6	79.1	114	69.6	55.6	37.8	68.2	1964
1965	27.6	21.6	18.1	43.3	104	78.2	61.4	50.2	43.4	90.5	71.3	45.6	54.8	1965
1966	40.2	34.5	33.1	61.5	170	110	52.0	36.4	22.6	13.4	11.6	11.1	51.5	1966
1967	10.9	11.5	12.2	67.2	77.6	66.2	44.3	41.0	18.2	12.4	10.6	10.6	31.1	1967
1968	11.6	12.0	12.8	62.3	83.5	121	100	60.3	54.5	66.0	65.0	36.7	56.0	1968
1969	33.7	31.0	26.7	66.8	84.0	87.6	66.1	62.0	36.8	37.2	36.9	26.1	53.4	1969
1970	23.0	19.6	16.3	36.8	155	114	66.2	34.2	26.6	41.2	72.4	46.6	54.0	1970
1971	36.3	28.9	27.7	76.6	87.6	76.6	42.4	23.1	16.6	71.2	140	76.7	68.1	1971
1972	61.6	37.6	30.7	43.0	83.3	62.6	66.6	48.4	30.3	26.6	26.6	18.4	43.0	1972
1973	16.6	16.0	15.9	30.2	38.4	31.1	26.7	46.6	46.4	63.1	43.6	33.1	34.4	1973
1974	26.0	23.2	20.9	42.6	141	106	66.3	30.7	26.1	27.1	26.6	26.1	61.3	1974
1975	24.1	23.1	22.0	37.6	84.6	42.6	33.6	24.6	21.6	22.7	26.9	21.6	32.2	1975
1976	19.1	18.4	19.1	76.6	66.9	32.6	32.6	20.6	17.7	17.0	12.1	11.3	27.6	1976
1977	11.3	11.2	12.6	24.7	36.1	40.1	63.9	31.6	66.6	60.6	43.7	41.3	36.6	1977
1978	30.6	24.2	20.3	33.2	83.4	106	66.1	66.1	50.3	30.2	18.6	16.4	44.0	1978
1979	18.1	14.6	15.6	---	---	---	33.1	32.6	33.9	18.6	36.2	26.9	---	1979
1980	20.6	---	---	34.6	26.6	19.1	---	---	---	21.2	19.4	16.1	---	1980
1981	14.6	13.4	13.0	36.7	44.6	31.6	26.1	18.0	11.4	14.4	13.3	11.6	20.6	1981
1982	11.7	11.6	12.2	32.0	111	66.4	66.9	66.6	43.2	---	---	---	---	1982
1983	---	23.9	22.3	26.7	26.0	46.6	63.7	37.6	16.6	36.1	27.2	---	---	1983
1984	19.1	16.9	14.6	43.1	61.6	63.6	60.9	26.3	12.6	11.7	14.6	16.9	31.6	1984
1985	16.6	14.6	13.7	66.3	172	87.6	63.2	60.6	76.6	117	61.7	41.6	66.2	1985
1986	30.0	24.6	22.4	61.0	141	63.6	61.1	37.1	23.6	26.6	24.6	23.0	46.3	1986
1987	17.6	16.3	16.6	36.4	22.4	36.6	13.6	30.6	26.6	18.0	16.3	16.1	20.0	1987
1988	13.3	11.7	11.6	30.3	30.0	22.7	14.1	16.4	56.2	77.3	42.6	36.6	30.6	1988
MEAN	17.4	15.6	15.0	40.6	79.4	65.1	52.9	36.6	32.3	33.6	27.6	21.3	37.0	MEAN

LOCATION - LAT 48 51 00 N DRAINAGE AREA, 4 870 km²
LONG 92 43 30 W NATURAL FLOW

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	80.7 ON JUL 1	5.10 ON JAN 26	---	1915
1916	---	185 ON JUN 8	---	---	1916
1917	---	88.6 ON MAY 9	5.88 ON DEC 29	773 000	1917
1918	---	81.4 ON JUN 10	---	---	1918
1919	---	144 ON JUL 8	---	---	1919
1920	---	---	---	---	1920
1921	---	74.5 ON MAY 21	9.238 ON FEB 5	832 000	1921
1922	---	100 ON APR 28	11.9 ON OCT 29	917 000	1922
1923	---	131 B ON APR 29	11.1 ON DEC 31	878 000	1923
1924	---	86.8 ON MAY 1	8.64 ON MAR 24	834 000	1924
1925	---	78.2 ON MAY 5	9.77 ON JAN 29	853 000	1925
1926	---	81.3 ON JUN 25	10.2 B ON FEB 23	1 150 000	1926
1927	---	246 ON JUL 15	17.8 ON MAR 12	2 380 000	1927
1928	---	93.2 ON OCT 9	14.6 B ON FEB 9	1 440 000	1928
1929	---	48.7 ON APR 27	8.21 ON DEC 10	845 000	1929
1930	---	55.2 ON MAY 20	7.46 ON JAN 25	531 000	1930
1931	---	42.2 ON MAY 30	8.81 ON MAR 27	539 000	1931
1932	---	101 ON APR 25	11.6 ON OCT 14	881 000	1932
1933	---	120 ON APR 28	10.6 ON SEP 8	844 000	1933
1934	---	163 ON MAY 7	13.4 B ON MAR 21	1 100 000	1934
1935	---	131 ON MAY 1	14.5 B ON JAN 31	1 320 000	1935
1936	---	71.4 ON MAY 10	5.55 ON DEC 31	885 000	1936
1937	---	183 ON MAY 2	4.84 ON FEB 18	1 020 000	1937
1938	---	178 ON MAY 9	8.21 ON MAR 11	1 050 000	1938
1939	---	39.1 ON JUN 6	8.04 ON APR 18	829 000	1939
1940	---	50.7 ON MAY 3	4.26 ON OCT 25 *	601 000	1940
1941	---	303 ON OCT 2 *	5.978 ON MAR 1	2 110 000	1941
1942	---	93.2 ON SEP 6	21.9 ON DEC 31	1 270 000	1942
1943	---	203 ON MAY 7	15.6 ON DEC 31	1 650 000	1943
1944	---	124 ON AUG 13	10.1 E ON MAR 1	1 230 000	1944
1945	---	80.0 ON APR 2	17.7 B ON DEC 1	1 080 000	1945
1946	---	104 ON APR 18	14.5 ON OCT 4	1 010 000	1946
1947	---	158 ON JUN 14	14.4 B ON FEB 1	1 320 000	1947
1948	---	201 ON MAY 2	9.408 ON DEC 7	1 070 000	1948
1949	---	81.8 ON MAY 7	8.178 ON JAN 1	828 000	1949
1950	---	257 ON MAY 17	11.7 B ON MAR 1	1 870 000	1950
1951	---	188 ON MAY 4	17.6 B ON MAR 1	1 320 000	1951
1952	---	150 ON JUL 23	7.258 ON DEC 1	1 110 000	1952
1953	---	86.8 ON JUN 8	8.038 ON FEB 1	817 000	1953
1954	---	168 ON MAY 19	15.0 ON FEB 14	1 280 000	1954
1955	---	95.7 ON JUL 5	8.68 ON FEB 24	979 000	1955
1956	---	158 ON MAY 18	8.27 ON MAR 1	1 180 000	1956
1957	---	140 ON APR 28	8.87 ON FEB 23	985 000	1957
1958	86.9 AT 05:15 CST ON JUL 22	86.4 ON JUL 22	14.5 ON NOV 8	781 000	1958
1959	---	73.1 ON JUN 7	14.0 ON MAR 5	1 080 000	1959
1960	105 AT 15:00 CST ON JUN 8	104 ON JUN 5	13.9 ON APR 12	833 000	1960
1961	70.8 AT 18:00 CST ON APR 25	70.5 ON APR 25	12.9 ON AUG 30	811 000	1961
1962	184 AT 21:30 CST ON MAY 24	183 ON MAY 24	11.0 ON MAR 27	1 490 000	1962
1963	---	163 ON JUN 16	12.1 ON MAR 3	1 440 000	1963
1964	192 AT 17:00 CST ON MAY 12	190 ON MAY 12	13.9 ON MAR 27	2 180 000	1964
1965	140 AT 13:15 CST ON MAY 25	138 ON MAY 25	17.7 E ON MAR 24	1 730 000	1965
1966	185 AT 14:00 CST ON MAY 22	184 ON MAY 25	10.8 E ON DEC 27	1 620 000	1966
1967	---	88.1E ON APR 21	10.2 ON DEC 26	880 000	1967
1968	163 AT 12:15 CST ON JUN 17	160 ON JUN 16	10.7 E ON JAN 1	1 740 000	1968
1969	134 AT 11:30 CST ON JUN 7	133 ON JUN 6	22.0 E ON APR 8	1 880 000	1969
1970	167 AT 15:00 CST ON MAY 17	164 ON MAY 17	17.4 ON MAR 18	1 700 000	1970
1971	169 AT 23:30 CST ON NOV 4	167 ON NOV 4	15.1 ON SEP 26	1 880 000	1971
1972	---	130 ON JUL 23	17.8 ON DEC 28	1 260 000	1972
1973	84.1 A1 15:00 CST ON OCT 17	83.5 ON OCT 17	14.1 ON MAR 5	1 080 000	1973
1974	230 A AT 12:35 CST ON JUN 11	229 A ON JUN 11	20.1 ON APR 8	1 820 000	1974
1975	121 AT 15:20 CST ON MAY 5	120 ON MAY 4	18.7 ON OCT 13	1 010 000	1975
1976	126 AT 16:30 CST ON APR 21	125 ON APR 21	11.1 A ON NOV 27	883 000	1976
1977	82.8 AT 21:40 CST ON SEP 28	82.3 ON SEP 26	11.0 E ON MAR 4	1 120 000	1977
1978	185 AT 15:04 CST ON JUN 4	184 ON JUN 4	15.8 E ON DEC 30	1 380 000	1978
1979	---	---	14.3 ON FEB 20	---	1979
1980	58.2 AT 12:00 CST ON APR 28	58.2 ON APR 28	---	---	1980
1981	60.8 AT 00:00 CST ON MAY 2	60.2 ON APR 30	10.7 ON SEP 24	850 000	1981
1982	126 AT 05:32 CST ON MAY 23	126 ON MAY 22	---	---	1982
1983	71.7 AT 07:30 CST ON JUN 25	71.3 ON JUN 25	---	---	1983
1984	121 AT 23:23 CST ON JUN 12	120 ON JUN 14	8.02 ON OCT 14	1 000 000	1984
1985	235 AT 14:05 CST ON APR 26 *	234 ON APR 26	12.9 ON MAR 21	2 150 000	1985
1986	183 AT 14:27 CST ON MAY 6	183 ON MAY 6	20.7 ON DEC 30	1 430 000	1986
1987	36.3 AT 16:27 CST ON JUN 2	37.6 ON JUN 4	12.1 ON JUL 19	831 000	1987
1988	126 AT 05:34 CST ON SEP 26	126 ON SEP 25	11.0 ON AUG 13	988 000	1988
				1 170 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	1.44	0.205	3.86	5.85	0.078	0.149	2.46	2.86	0.475	0.462	2.18	4.81	2.28	1987
1988	0.888	3.48	1.87	0.888	0.288	0.003	0.282	0.488	0.073	0.409	2.15	0.788	0.837	1988
MEAN	1.01	1.34	2.88	4.81	0.182	0.076	1.38	1.67	0.276	0.436	2.17	2.70	1.58	MEAN

LOCATION - LAT 43 06 54 N
LONG 79 33 58 W
DRAINAGE AREA, 186 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 04 1986

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	80.1 AT 13:12 EST ON APR 6 *	75.6 ON APR 6 *	0 ON JUN 5 *	71 900	1987
1988	---	8.84 ON MAR 28	0 ON JUN 5	26 900	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		49 300	MEAN

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	5.66	3.85	0.452	0.429	0.001	0.001	0	0	1.46	---	1957
1958	0.178	0.861	12.0	2.33	0.238	0.023	0	0	0	0.002	0.040	0.313	1.32	1958
1959	5.66	4.33	16.9	11.0	0.696	0.115	0.001	0	0	0.068	0.984	7.26	3.93	1959
1960	3.50	3.46	2.71	23.1	6.79	0.239	0.029	0.005	0.002	0	0.003	0.001	3.33	1960
1961	0	7.01	2.49	8.30	1.21	0.249	0.058	0.225	0.025	0.002	0.005	0.310	1.81	1961
1962	2.01	0.879	15.3	0.671	0.127	0.029	1.14	0.550	0.675	8.93	8.15	4.24	3.41	1962
1963	0.084	0.030	12.3	3.02	1.15	0.235	0.057	0.347	0.014	0.001	0.011	0.058	1.45	1963
1964	2.21	0.194	11.2	5.04	0.822	0.133	0.058	0.387	0.189	0.005	0.008	1.11	1.80	1964
1965	2.07	10.0	5.54	5.46	0.244	0.004	0.002	0.026	0.108	0.349	2.15	3.26	2.63	1965
1966	1.43	5.46	10.4	3.26	1.28	0.135	0.003	0	0	0	0.008	3.09	2.07	1966
1967	1.73	1.36	5.71	4.75	2.85	0.118	0.082	0.012	0.007	0.116	0.764	3.84	1.88	1967
1968	0.821	11.9	7.30	1.07	0.710	1.12	0.231	0.007	0.950	0.237	7.13	3.81	2.91	1968
1969	10.4	3.43	3.81	8.47	4.05	0.801	0.122	0.147	0	0.001	0.070	0.922	2.78	1969
1970	0.268	2.84	8.63	4.20	0.696	0.083	0.055	0.008	0.020	0.185	2.31	4.63	2.00	1970
1971	1.25	6.31	14.3	3.45	0.110	0.031	0.005	0.001	0.004	0.005	0.018	1.85	2.28	1971
1972	4.56	0.348	17.1	9.68	1.88	0.140	0.380	1.18	0.041	0.477	5.80	7.85	4.12	1972
1973	3.63	3.08	17.5	5.28	1.89	0.407	0.084	0	0.001	0.089	7.01	8.85	4.01	1973
1974	8.80	5.88	7.74	5.81	7.13	0.781	0.085	0.007	0.001	0	0.112	1.10	3.20	1974
1975	2.01	5.89	9.89	2.68	0.780	0.444	0.030	1.08	1.43	1.32	1.31	4.24	2.83	1975
1976	2.67	17.4	13.3	6.67	5.38	0.104	0.267	0.252	0.015	0.077	0.071	0.068	3.86	1976
1977	0.080	0.448	11.3	3.77	0.152	0.174	0.709	0.008	7.63	5.46	2.01	14.7	3.88	1977
1978	1.37	0.503	18.3	7.88	0.734	0.068	0.002	0.008	0.141	1.78	0.951	2.81	3.71	1978
1979	3.84	2.14	13.4	11.7	0.870	0.171	0.010	0.014	0.215	0.178	1.18	7.83	3.48	1979
1980	1.11	0.803	8.28	7.40	0.695	0.384	0.802	0.305	0.088	0.232	0.212	1.88	1.83	1980
1981	0.136	13.1	1.33	1.75	1.74	1.38	1.46	1.67	4.26	3.87	3.03	1.19	2.86	1981
1982	0.872	0.318	17.0	7.87	0.387	3.82	0.188	0.085	0.388	0.578	5.71	10.1	3.85	1982
1983	1.48	4.83	8.88	5.41	4.30	0.784	0.293	0.838	0.017	0.448	4.77	8.35	3.21	1983
1984	0.491	12.3	11.0	10.8	2.88	5.76	0.158	0.081	3.31	0.238	1.84	4.48	4.34	1984
1985	2.85	13.2	11.0	4.98	0.313	0.436	0.032	0.078	0.060	0.820	17.3	3.85	4.38	1985
1986	1.88	1.81	13.8	4.73	2.68	0.880	0.288	0.184	0.463	2.74	4.04	7.87	3.41	1986
1987	2.85	0.488	7.01	12.4	0.107	0.285	2.71	2.85	0.750	0.821	3.74	7.88	3.45	1987
1988	1.38	8.73	3.85	1.73	0.488	0.023	0.305	0.484	0.180	0.858	3.45	1.34	1.81	1988
MEAN	2.33	4.88	10.3	5.48	1.78	0.810	0.313	0.328	0.848	0.848	2.85	4.08	2.82	MEAN

LOCATION - LAT 43 08 02 N DRAINAGE AREA, 293 km^2
LONG 79 23 00 W NATURAL FLOW

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	80.0 ON APR 6	0 ON AUG 7 *	---	1957
1958	---	33.6 ON MAR 6	0 ON JUN 7	41 500	1958
1959	---	85.0 ON JAN 22	0 ON JUL 7	124 000	1959
1960	---	130 ON APR 4 *	0 B ON MAR 6	105 000	1960
1961	---	68.0 ON FEB 26	0 B ON JAN 1	50 700	1961
1962	---	83.3 ON MAR 13	0 RB ON FEB 20	108 000	1962
1963	---	65.1 ON MAR 18	0 ON JUL 18	45 800	1963
1964	---	48.7 ON MAR 16	0 ON JUL 6	56 800	1964
1965	---	73.8 ON FEB 11	0 ON JUN 18	82 100	1965
1966	---	40.8 ON FEB 12	0 ON JUL 14	85 400	1966
1967	---	28.8 ON DEC 22	0 ON SEP 16	59 300	1967
1968	---	115 ON FEB 2	0.001 ON AUG 2	91 800	1968
1969	78.8 AT 07:00 EST ON JAN 31	75.6 ON JAN 31	0 ON AUG 30	87 400	1969
1970	40.2 AT 04:00 EST ON APR 3	32.3 ON APR 3	0 ON AUG 6	83 000	1970
1971	68.6 AT 11:30 EST ON FEB 26	77.0 ON FEB 26	0 ON MAY 24	71 200	1971
1972	38.5 AT 16:30 EST ON MAR 22	35.88 ON MAR 16	0.013 ON SEP 23	130 000	1972
1973	77.3 AT 05:17 EST ON DEC 26	70.2 ON DEC 26	0 ON AUG 3	127 000	1973
1974	74.2 AT 14:14 EST ON MAR 6	64.8 ON MAR 6	0 ON AUG 16	101 000	1974
1975	64.7 AT 08:46 EST ON FEB 26	49.3 ON FEB 26	0.002 ON AUG 1	82 600	1975
1976	92.8 AT 01:40 EST ON MAR 6	78.2 ON APR 26	0 ON SEP 8	126 000	1976
1977	83.7 AT 00:16 EST ON SEP 27	82.4 ON SEP 27	0.001 ON MAY 26	133 000	1977
1978	87.8 AT 23:47 EST ON MAR 23	78.8 ON MAR 22	0 ON JUL 3	88 500	1978
1979	123 AT 05:03 EST ON MAR 6 *	103 ON MAR 6	0 ON JUL 18	110 000	1979
1980	80.3 AT 02:21 EST ON MAR 22	47.4 ON MAR 22	0 ON AUG 31	57 800	1980
1981	68.7 AT 02:30 EST ON FEB 20	60.2 ON FEB 20	0.010 ON JUL 17	80 200	1981
1982	80.5 AT 14:10 EST ON MAR 15	68.4 ON MAR 14	0.012 ON SEP 30	126 000	1982
1983	37.8 AT 00:28 EST ON DEC 13	35.8 ON DEC 13	0.001 ON SEP 15	101 000	1983
1984	86.0 AT 15:31 EST ON FEB 14	76.2 ON FEB 14	0.002 ON AUG 8	137 000	1984
1985	116 AT 22:60 EST ON FEB 24	105 ON FEB 25	0 A ON JUL 28	138 000	1985
1986	73.6 AT 15:31 EST ON MAR 11	68.6 ON MAR 11	0.013 ON SEP 10	108 000	1986
1987	80.8 AT 23:04 EST ON APR 6	74.2 ON APR 6	0.008 ON JUN 18	108 000	1987
1988	---	23.3 ON MAR 26	0 ON JUN 21	51 100	1988
				92 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0.001	0.002	---	1974
1975	0.010	0.058	0.047	0.043	0.011	0.001	0	0.001	0.001	0.001	0.001	0.004	0.018	1975
1976	0.002	0.036	0.147	0.018	0.021	0.003	---	---	---	---	---	---	---	1976
MEAN	0.006	0.058	0.097	0.031	0.016	0.002	0	0.001	0.001	0.001	0.001	0.003	0.018	MEAN

LOCATION - LAT 43 55 01 N, LONG 79 06 50 W. DRAINAGE AREA, 2.65 km². NATURAL FLOW

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 21 *	---	1974
1975	3.54 AT 14:31 EST ON FEB 24 *	1.45 ON FEB 24 *	0 ON JUN 11	552	1975
1976	3.45 AT 15:38 EST ON MAR 20	1.15 ON MAR 20	0E ON JAN 18	---	1976
				552	MEAN

E - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	0.338	0.310	---	1970
1971	0.298	0.328	0.318	0.447	0.324	0.338	0.331	0.313	0.288	0.288	0.301	0.332	0.324	1971
1972	0.293	0.290	0.311	0.686	0.366	0.316	0.282	0.340	0.384	0.395	0.406	0.377	0.368	1972
1973	0.355	0.325	0.512	0.370	0.337	0.363	0.340	0.293	0.310	0.385	0.403	0.348	0.384	1973
1974	0.382	0.354	0.487	0.456	0.428	0.339	0.376	0.319	0.327	0.343	0.387	0.342	0.373	1974
1975	0.328	0.488	0.486	0.451	0.384	0.267	0.278	0.290	0.318	0.308	0.282	0.285	0.348	1975
1976	0.291	0.383	0.574	0.451	0.407	0.331	0.459	0.351	0.320	0.289	0.316	0.327	0.374	1976
1977	0.301	0.281	0.414	0.326	0.270	0.262	0.238	0.302	0.288	0.301	0.303	0.309	0.301	1977
1978	0.293	0.277	0.315	0.484	0.425	0.311	0.281	0.344	0.348	0.372	0.335	0.306	0.338	1978
1979	0.348	0.320	0.511	0.448	0.382	0.336	0.300	0.330	0.311	0.348	0.330	0.481	0.378	1979
1980	0.383	0.312	0.776	0.554	0.381	0.378	0.417	0.308	0.334	0.382	0.326	0.327	0.407	1980
1981	---	---	0.349	0.382	0.378	0.334	0.287	0.365	0.368	0.384	0.403	0.360	---	1981
1982	0.356	0.324	0.431	0.518	0.373	0.361	0.383	0.348	0.344	0.363	0.443	0.333	0.380	1982
1983	0.312	0.383	0.378	0.408	0.412	0.313	0.291	0.338	0.338	0.356	0.381	0.328	0.355	1983
1984	0.308	0.495	0.470	0.483	0.427	0.356	0.358	0.367	0.348	0.348	0.370	0.344	0.389	1984
1985	0.325	0.485	0.490	0.442	0.368	0.341	0.335	---	---	---	---	---	---	1985
MEAN	0.324	0.356	0.458	0.485	0.381	0.334	0.320	0.328	0.328	0.340	0.354	0.340	0.362	MEAN

LOCATION - LAT 44 06 45 N, LONG 79 07 20 W. DRAINAGE AREA, 24.3 km², REGULATED. DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	4.63 AT 22:00 EST ON JUN 27	0.908E ON JUN 28	0.130 ON JUN 18 *	10 200	1971
1972	2.88 AT 16:34 EST ON APR 13	1.88 ON APR 14	0.238 ON JUL 28	11 700	1972
1973	3.82 AT 16:40 EST ON MAR 4	2.50 ON MAR 4	0.221 ON FEB 14	11 800	1973
1974	3.40 AT 04:45 EST ON MAR 5	2.63 ON MAR 5	0.263 ON APR 26	11 700	1974
1975	5.10 AT 17:26 EST ON MAR 19 *	2.41 ON FEB 25	0.176 ON JUL 12	10 800	1975
1976	3.82 AT 02:02 EST ON MAR 21	2.27 ON MAR 21	0.185 ON JUN 8	11 300	1976
1977	1.63 AT 05:30 EST ON MAR 10	1.27 ON MAR 10	0.180 ON JUL 23	8 480	1977
1978	1.26 AT 16:48 EST ON MAY 12	1.14 ON MAY 14	0.133 ON JUL 18	10 700	1978
1979	---	1.74 ON MAR 5	0.183 ON APR 26	12 000	1979
1980	---	4.53 E ON MAR 21 *	0.212 ON AUG 28	12 900	1980
1981	1.89 AT 17:21 EST ON FEB 20	1.12 ON FEB 20	0.212 ON JUN 25	---	1981
1982	3.20 AT 23:20 EST ON MAR 31	1.46 ON MAR 31	0.200 ON SEP 23	12 300	1982
1983	1.87 AT 13:09 EST ON FEB 3	1.24 ON FEB 3	0.255 ON DEC 27	11 200	1983
1984	2.76 AT 07:55 EST ON FEB 14	2.70 ON FEB 14	0.139 ON SEP 21	12 300	1984
1985	2.58 AT 22:00 EST ON FEB 24	2.40 ON FEB 24	0.240 ON JUL 28	---	1985
				11 400	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

VENISON CREEK NEAR BIG CREEK - STATION NO. 02EC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.588	0.618	0.858	---	1983
1984	0.771	0.888	1.28	1.34	1.07	0.835	0.644	0.873	0.725	0.854	0.853	1.28	0.884	1984
1985	1.51	2.73	4.05	2.41	1.10	0.833	0.831	0.748	0.832	0.991	1.05	1.34	1.51	1985
1986	0.802	1.58	2.52	1.57	1.22	0.855	0.432	0.598	0.854	---	---	---	---	1986
MEAN	1.03	1.87	2.81	1.77	1.13	0.774	0.538	0.783	0.704	0.748	0.774	1.09	1.20	MEAN

LOCATION - LAT 42 39 15 N DRAINAGE AREA, 61.4 km²
LONG 80 33 55 W NATURAL FLOW

VENISON CREEK NEAR BIG CREEK - STATION NO. 02EC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	3.78 ON DEC 26	0.374 ON JUL 31	26 000	1984
1985	---	44.7 E ON MAR 6 *	0.378 ON JUL 31	47 800	1985
1986	---	5.66 ON FEB 12	0.232E ON SEP 28 *	---	1986
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 800	MEAN

E - ESTIMATED

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02EC021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.557	0.631	1.47	---	1966
1967	1.17	0.833	1.06	1.81	1.20	0.765	0.625	0.537	0.585	0.581	0.705	0.843	0.882	1967
1968	0.824	1.80	1.32	1.10	0.811	0.898	0.734	0.892	0.750	0.886	0.882	1.17	0.877	1968
1969	2.48	1.42	1.04	2.19	1.86	1.11	0.801	0.580	0.589	0.848	0.804	0.989	1.31	1969
1970	0.735	0.873	1.22	1.34	0.882	0.830	0.557	0.440	0.562	0.634	1.03	1.18	0.836	1970
1971	0.788	1.05	1.88	1.33	0.765	0.617	0.448	0.457	0.520	0.880	0.887	0.851	0.808	1971
1972	0.714	0.808	1.86	1.73	1.32	0.818	0.853	0.880	0.648	0.838	0.858	1.35	1.02	1972
1973	0.885	0.854	2.31	1.88	1.05	0.823	0.523	0.527	0.543	0.888	0.765	1.02	0.885	1973
1974	1.46	1.34	2.04	1.81	1.78	0.855	0.618	0.506	0.583	0.835	0.708	0.808	1.07	1974
1975	1.08	1.27	1.78	1.34	0.884	0.935	0.638	0.887	1.08	0.874	1.05	1.42	1.08	1975
1976	1.25	2.92	3.13	1.83	1.81	0.893	0.778	0.781	0.650	0.886	0.858	0.858	1.32	1976
1977	0.615	0.702	2.29	1.80	1.01	0.705	0.613	0.574	1.20	1.35	1.18	2.88	1.23	1977
1978	1.32	0.873	2.43	2.20	1.37	0.765	0.484	0.588	0.849	0.808	0.858	1.01	1.12	1978
1979	1.20	0.882	2.23	2.49	1.24	0.818	0.604	0.846	0.841	0.834	1.20	1.88	1.21	1979
1980	1.28	0.844	1.82	1.83	1.18	1.03	1.18	0.883	1.08	1.08	0.878	1.08	1.17	1980
1981	0.824	2.02	1.23	1.30	0.888	0.783	0.671	0.648	0.807	1.10	0.887	0.803	1.01	1981
1982	1.02	0.788	3.18	2.04	1.01	1.18	0.744	0.882	0.728	0.778	1.48	2.04	1.30	1982
1983	1.35	1.42	1.14	1.62	1.88	0.804	0.674	1.18	0.861	0.848	0.815	1.73	1.19	1983
1984	0.845	2.70	2.08	2.12	1.88	1.30	0.783	0.831	0.808	0.813	0.883	0.884	1.31	1984
1985	0.835	2.08	3.07	2.27	1.10	1.07	0.747	0.548	0.672	0.878	2.40	1.80	1.44	1985
1986	1.22	1.17	2.43	1.88	1.23	1.01	0.788	0.735	0.888	1.77	1.18	2.08	1.36	1986
1987	1.43	0.858	1.35	1.70	0.817	0.888	0.484	0.817	0.587	0.885	0.807	1.33	0.843	1987
1988	0.882	1.10	1.24	1.02	0.774	0.807	0.488	0.481	0.804	0.878	0.823	0.878	0.770	1988
MEAN	1.12	1.30	1.91	1.72	1.18	0.871	0.673	0.830	0.723	0.808	0.988	1.28	1.10	MEAN

LOCATION - LAT 42 40 27 N DRAINAGE AREA, 88.4 km²
LONG 80 38 00 W REGULATED

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02EC021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	4.45 AT 00:00 EST ON APR 6	3.85 ON APR 3	0.480 ON AUG 2	27 800	1967
1968	8.46 AT 18:00 EST ON FEB 2	5.09 ON FEB 2	0.475 ON JUL 28	30 800	1968
1969	11.4 AT 20:54 EST ON JAN 30	8.76 ON JAN 31	0.481 ON AUG 18	36 200	1969
1970	5.01 AT 00:54 EST ON APR 3	3.85 ON APR 3	0.378 ON AUG 11	26 400	1970
1971	4.81 AT 22:36 EST ON FEB 27	4.45 ON FEB 28	0.334 ON AUG 6	25 800	1971
1972	5.49 AT 11:00 EST ON MAR 2	5.33 ON MAR 3	0.561 ON AUG 21	32 100	1972
1973	4.76 AT 11:08 EST ON MAR 15	4.58 ON MAR 15	0.362 ON JUL 18	30 400	1973
1974	4.83 AT 06:20 EST ON MAR 5	4.78 ON MAR 5	0.422 ON AUG 15	33 800	1974
1975	4.70 AT 20:30 EST ON FEB 24	4.18 ON FEB 24	0.357 ON AUG 2	34 100	1975
1976	6.03 AT 17:54 EST ON FEB 18	5.87 ON FEB 18	0.563 ON SEP 8	41 800	1976
1977	5.88 AT 07:28 EST ON DEC 18	5.84 ON DEC 18	0.340 ON JUL 31	36 800	1977
1978	11.0 AT 13:30 EST ON MAR 21	8.41 ON MAR 22	0.320 ON JUL 16	35 500	1978
1979	9.26 AT 20:08 EST ON MAR 4	7.52 ON MAR 5	0.392 ON JUL 27	38 300	1979
1980	11.0 AT 11:58 EST ON JUL 22	8.58 ON JUL 22	0.662 ON AUG 28	37 000	1980
1981	5.47 AT 03:26 EST ON FEB 24	4.83 ON FEB 24	0.410 ON JUL 20	32 000	1981
1982	13.7 AT 05:00 EST ON MAR 14 *	10.8 ON MAR 14	0.693E ON JUL 27	41 100	1982
1983	5.37 AT 18:27 EST ON AUG 11	3.80 ON FEB 3	0.518 ON JUL 20	37 800	1983
1984	12.1 AT 08:30 EST ON FEB 14	11.0 ON FEB 14 *	0.488 ON AUG 1	41 400	1984
1985	11.8 AT 18:56 EST ON FEB 24	9.87 ON FEB 24	0.413A ON AUG 13	45 400	1985
1986	7.86 AT 05:01 EST ON MAR 11	7.03 ON MAR 11	0.495 ON JUL 31	42 700	1986
1987	4.18 AT 09:22 EST ON APR 6	3.88 ON APR 6	0.295A ON JUL 30	29 800	1987
1988	---	2.80 ON MAR 26	0.269E ON JUL 13 *	24 300	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		34 800	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	10.5	11.8	16.7	103	88.9	40.2	44.2	28.9	14.9	34.0	85.0	53.2	42.8	1918
1919	22.5	16.3	29.2	193	159	85.6	36.6	20.2	24.4	51.0	53.1	45.8	61.6	1919
1920	23.4	20.8	54.4	128	78.5	35.7	30.3	22.5	9.06	4.73	8.88	14.2	35.9	1920
1921	17.6	25.7	80.7	150	67.4	40.2	12.8	13.3	13.6	12.5	17.5	42.2	38.2	1921
1922	18.0	22.1	29.2	217	115	51.8	30.6	12.6	15.6	8.81	13.6	16.4	45.8	1922
1923	12.6	18.6	18.2	73.1	174	45.0	20.2	15.6	32.3	17.0	16.7	17.7	36.7	1923
1924	20.8	28.2	22.8	126	96.0	50.7	16.8	8.57	8.80	7.18	21.1	20.2	35.6	1924
1925	17.2	26.4	25.8	108	38.2	44.2	27.5	14.2	7.80	10.6	26.9	27.6	30.9	1925
1926	16.0	25.6	16.2	41.6	109	80.3	52.4	23.6	14.0	12.6	54.9	41.3	39.4	1926
1927	30.0	20.6	80.6	84.7	86.3	86.6	31.4	22.3	16.5	26.3	28.2	44.6	43.7	1927
1928	35.7	21.3	28.7	207	210	71.4	56.0	33.1	67.6	144	108	84.4	85.1	1928
1929	28.7	20.6	46.6	200	113	48.4	26.8	16.6	21.3	22.7	42.8	16.6	50.6	1929
1930	13.1	10.6	22.7	92.0	86.7	127	140	28.9	18.6	23.3	17.6	16.6	48.8	1930
1931	8.82	7.11	8.72	133	100	56.1	14.6	8.74	8.87	30.8	86.7	89.2	43.6	1931
1932	43.8	30.3	37.4	186	80.4	22.3	8.44	8.52	11.0	38.6	87.6	43.6	48.0	1932
1933	46.0	22.6	17.8	187	125	56.8	42.2	22.6	3.34	6.41	16.1	12.2	46.6	1933
1934	11.2	10.6	12.8	146	147	27.4	13.2	8.66	12.6	22.4	97.7	76.6	44.8	1934
1935	26.6	16.7	30.0	116	30.0	24.6	7.42	7.53	12.6	20.7	23.3	26.4	26.4	1935
1936	11.6	10.2	24.7	140	188	46.7	14.4	8.44	8.17	16.7	26.7	14.0	42.7	1936
1937	30.8	19.6	36.6	184	122	23.6	10.6	24.3	36.6	43.6	87.1	61.6	62.0	1937
1938	25.0	21.8	66.3	263	121	42.6	17.1	12.3	11.6	8.57	21.4	27.6	64.3	1938
1939	24.8	16.6	15.7	102	185	121	36.2	17.8	13.6	16.1	28.1	17.7	46.1	1939
1940	10.6	13.1	12.7	81.7	116	116	47.6	22.8	61.6	19.3	44.7	22.3	46.0	1940
1941	24.0	17.2	23.1	174	63.5	27.6	28.7	23.4	16.7	72.2	123	67.2	66.0	1941
1942	35.7	20.8	30.0	208	86.7	41.6	14.4	8.36	11.0	18.2	47.8	23.6	46.2	1942
1943	16.4	20.7	28.7	186	171	131	41.3	15.7	86.6	16.8	36.6	20.6	60.1	1943
1944	13.6	11.8	21.4	102	134	38.6	13.7	8.86	7.67	17.6	20.2	14.4	33.8	1944
1945	8.06	11.1	66.6	122	103	110	16.6	10.4	13.3	37.8	108	34.3	53.6	1945
1946	26.0	18.8	136	116	56.2	80.3	26.0	20.2	10.6	8.16	26.8	43.3	46.6	1946
1947	21.0	16.3	19.3	162	174	191	42.6	11.4	17.6	17.6	18.0	14.6	57.6	1947
1948	11.8	10.3	24.6	151	71.4	23.1	14.8	14.2	6.66	8.34	21.6	34.6	32.6	1948
1949	24.1	26.1	32.6	166	76.7	44.2	36.2	16.7	14.3	8.34	7.36	8.03	37.4	1949
1950	17.6	26.1	32.0	143	158	32.0	13.4	19.6	8.61	6.23	10.1	16.6	40.2	1950
1951	14.2	16.6	24.6	300	86.4	23.4	28.4	19.3	12.8	73.1	88.4	57.6	62.8	1951
1952	28.7	18.8	16.7	172	86.6	31.7	16.6	16.2	14.6	8.71	16.6	40.6	46.3	1952
1953	23.1	31.7	113	210	92.0	27.4	26.0	12.7	11.7	6.60	6.66	17.7	46.1	1953
1954	13.6	14.6	62.6	173	166	77.3	41.6	16.6	14.2	130	63.1	36.4	66.6	1954
1955	22.4	16.2	23.6	166	46.0	21.6	8.13	7.02	6.56	17.6	46.2	26.1	33.6	1955
1956	16.6	11.6	14.1	112	67.6	50.6	26.6	14.6	16.6	22.6	36.6	34.0	36.6	1956
1957	21.6	16.6	37.7	112	64.3	36.3	122	16.0	12.2	13.6	77.6	56.3	51.6	1957
1958	34.6	17.3	23.6	70.6	44.0	16.4	26.0	6.66	12.0	12.0	37.4	22.4	27.0	1958
1959	16.6	11.3	16.6	166	131	27.3	16.6	6.76	14.6	43.4	72.3	42.0	47.6	1959
1960	23.0	17.1	17.6	202	300	66.6	63.0	26.2	16.6	17.6	43.1	31.6	66.0	1960
1961	16.6	12.7	17.6	63.6	67.6	46.6	66.0	30.4	36.4	37.0	44.2	43.7	40.0	1961
1962	24.6	23.6	36.6	111	126	26.3	10.1	6.36	4.76	6.46	6.61	6.36	33.1	1962
1963	7.66	6.66	17.4	152	46.2	26.6	6.62	6.26	7.61	4.66	6.06	16.6	26.3	1963
1964	10.6	11.4	16.6	116	67.3	23.6	10.4	7.42	14.6	33.3	26.1	32.0	32.6	1964
1965	22.4	21.6	30.0	134	114	26.3	13.6	31.6	66.6	74.7	66.0	66.6	66.0	1965
1966	51.1	36.0	63.2	138	66.4	33.0	9.74	10.0	9.14	34.6	76.4	120	64.7	1966
1967	39.2	27.7	26.3	206	166	63.0	22.0	24.0	11.6	23.6	73.1	47.3	66.6	1967
1968	27.6	20.6	32.6	123	46.1	31.6	26.6	21.1	47.7	46.0	27.6	37.6	40.6	1968
1969	30.6	26.6	30.6	161	76.3	37.7	36.6	20.6	9.07	26.7	107	36.1	60.4	1969
1970	16.6	14.6	16.6	116	114	176	46.3	16.6	23.6	64.3	60.3	46.6	67.6	1970
1971	26.4	16.6	37.6	186	121	44.6	12.0	6.46	6.66	11.6	23.6	41.7	44.6	1971
1972	26.7	17.6	16.6	142	206	32.6	16.6	30.2	21.3	36.3	40.3	23.6	62.2	1972
1973	26.1	20.2	62.1	106	106	26.3	26.3	36.1	16.0	16.7	26.6	31.7	46.3	1973
1974	17.4	16.6	21.3	144	66.6	63.4	22.0	12.1	6.37	20.6	76.3	32.3	44.2	1974
1975	26.6	22.6	21.6	123	122	---	16.6	6.66	6.66	6.66	22.4	46.2	---	1975
1976	14.6	10.6	30.6	203	116	26.0	11.6	6.66	6.26	12.6	13.7	11.3	36.6	1976
1977	8.06	7.71	66.2	176	44.3	13.4	6.66	6.66	23.4	66.6	66.3	46.7	44.6	1977
1978	26.6	16.1	16.1	87.7	163	24.6	14.0	13.6	26.3	91.6	36.2	27.6	46.6	1978
1979	21.0	16.6	67.7	246	222	46.7	32.1	21.0	14.0	27.4	71.6	66.2	76.7	1979
1980	46.4	16.4	16.6	181	130	36.6	16.0	13.2	16.7	42.6	32.6	21.4	47.7	1980
1981	11.7	23.7	42.7	206	46.4	26.1	27.7	6.77	20.6	37.6	32.7	23.7	42.1	1981
1982	16.0	13.2	16.7	146	116	24.6	6.71	6.06	16.6	64.6	66.1	76.6	46.6	1982
1983	46.6	24.6	66.7	167	141	107	16.3	6.66	7.66	40.0	36.3	37.6	66.3	1983
1984	16.6	26.4	27.7	106	66.6	63.7	36.6	16.3	21.3	30.7	66.6	66.6	64.1	1984
1985	32.6	21.7	33.6	171	124	24.6	16.6	11.1	6.33	6.66	34.3	26.6	42.6	1985
1986	16.6	6.30	16.6	131	62.6	26.6	13.7	24.6	11.6	26.1	27.7	16.6	31.6	1986
1987	13.4	10.6	24.4	76.6	33.1	29.0	6.66	3.66	2.34	4.66	12.6	---	---	1987
1988	16.3	16.4	21.0	224	66.1	36.7	---	14.2	13.3	47.6	---	66.3	---	1988
MEAN	22.2	16.4	34.1	148	108	60.1	27.6	16.6	16.6	29.6	44.4	36.0	46.4	MEAN

LOCATION - LAT 46 16 66 N, LONG 81 31 16 W. DRAINAGE AREA, 4 190 km². REGULATED.

DATA CONTRIBUTED BY - INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REMARKS - DAILY DISCHARGES PRIOR TO OCT 1963 ARE NOT AVAILABLE. INCLUDES SNAPING LAKE BASIN.

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CP004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	1 350 000	1918
1919	---	---	---	1 940 000	1919
1920	---	---	---	1 140 000	1920
1921	---	---	---	1 200 000	1921
1922	---	---	---	1 440 000	1922
1923	---	---	---	1 220 000	1923
1924	---	---	---	1 120 000	1924
1925	---	---	---	975 000	1925
1926	---	---	---	1 240 000	1926
1927	---	---	---	1 280 000	1927
1928	---	---	---	2 880 000	1928
1929	---	---	---	1 880 000	1929
1930	---	---	---	1 570 000	1930
1931	---	---	---	1 370 000	1931
1932	---	---	---	1 620 000	1932
1933	---	---	---	1 470 000	1933
1934	---	---	---	1 640 000	1934
1935	---	---	---	885 000	1935
1936	---	---	---	1 350 000	1936
1937	---	---	---	1 640 000	1937
1938	---	---	---	1 710 000	1938
1939	---	---	---	1 520 000	1939
1940	---	---	---	1 420 000	1940
1941	---	---	---	1 780 000	1941
1942	---	---	---	1 480 000	1942
1943	---	---	---	1 800 000	1943
1944	---	---	---	1 080 000	1944
1945	---	---	---	1 700 000	1945
1946	---	---	---	1 440 000	1946
1947	---	---	---	1 830 000	1947
1948	---	---	---	1 030 000	1948
1949	---	---	---	1 180 000	1949
1950	---	---	---	1 270 000	1950
1951	---	---	---	1 880 000	1951
1952	---	---	---	1 270 000	1952
1953	---	---	---	1 520 000	1953
1954	---	282 ON OCT 20	3.54 ON SEP 6	2 110 000	1954
1955	---	215 ON APR 15	0 ON AUG 28 *	1 080 000	1955
1956	---	173 ON APR 14	0 ON SEP 2	1 220 000	1956
1957	---	283 ON JUL 5	0 ON SEP 1	1 830 000	1957
1958	---	80.1 ON APR 5	0 ON AUG 24	881 000	1958
1959	---	314 ON APR 20	0 ON AUG 19	1 800 000	1959
1960	---	430 ON MAY 14	1.59 ON AUG 26	2 150 000	1960
1961	---	112 ON APR 20	1.76 ON FEB 5	1 280 000	1961
1962	---	248 ON MAY 9	0 ON JUL 28	1 040 000	1962
1963	---	214 ON APR 7	0 ON JAN 5	828 000	1963
1964	---	321 ON APR 20	0 ON JAN 12	1 030 000	1964
1965	---	240 ON APR 17	5.66 ON AUG 1	1 740 000	1965
1966	---	283 ON APR 27	0 ON AUG 10	1 720 000	1966
1967	---	300 ON APR 22	0 ON JUL 18	1 880 000	1967
1968	---	163 ON APR 6	12.8 ON JUL 30	1 290 000	1968
1969	---	269 ON APR 18	0 ON SEP 9	1 590 000	1969
1970	---	438 ON JUN 5	8.43 ON AUG 23	1 810 000	1970
1971	---	328 ON APR 21	5.66 ON SEP 18	1 410 000	1971
1972	---	418 ON MAY 6	8.41 ON AUG 14	1 850 000	1972
1973	---	189 ON MAR 18	10.2 ON SEP 23	1 430 000	1973
1974	---	263 ON APR 20	3.40 ON SEP 14	1 390 000	1974
1975	---	323 ON APR 26	2.27 ON SEP 1	---	1975
1976	---	256 ON APR 21	2.27 ON SEP 4	1 230 000	1976
1977	---	242 ON APR 4	3.85 ON FEB 20	1 410 000	1977
1978	---	231 ON MAY 17	7.56 ON AUG 22	1 470 000	1978
1979	---	453 ON APR 30 *	10.2 ON SEP 28	2 230 000	1979
1980	---	338 ON APR 13	6.80 ON AUG 30	1 610 000	1980
1981	---	340 ON APR 9	4.80 ON AUG 22	1 330 000	1981
1982	---	272 ON MAY 1	3.86 ON AUG 21	1 530 000	1982
1983	---	305 ON APR 18	4.83 ON SEP 11	1 770 000	1983
1984	---	183 ON APR 22	11.0 ON AUG 20	1 400 000	1984
1985	---	414 ON APR 28	2.55 ON SEP 23	1 350 000	1985
1986	---	203 ON APR 6	2.83 ON SEP 7	993 000	1986
1987	---	116 ON APR 3	1.36 ON SEP 14	---	1987
1988	---	370 ON APR 9	6.80 ON JUL 26	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 460 000	MEAN

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	50.3	70.2	49.6	---	1919
1920	29.4	16.7	54.8	163	100	62.3	36.5	30.1	10.1	7.36	10.1	19.2	43.6	1920
1921	16.6	16.3	53.5	139	74.3	47.6	16.2	14.1	10.8	14.6	20.4	50.6	40.2	1921
1922	20.4	13.7	19.9	246	126	62.3	38.0	13.7	10.8	10.3	15.0	16.3	50.3	1922
1923	16.1	21.4	20.2	86.6	182	84.0	28.6	17.1	37.0	16.8	18.3	17.0	41.1	1923
1924	16.1	33.6	23.6	132	103	55.6	21.4	15.6	12.1	11.6	26.9	22.7	38.6	1924
1925	16.7	27.7	27.8	117	45.3	56.7	33.0	18.4	9.80	11.2	28.5	30.4	35.1	1925
1926	20.8	27.2	16.9	45.6	112	86.3	82.5	23.6	16.6	16.6	66.2	60.4	43.6	1926
1927	24.4	27.6	106	106	83.3	61.6	32.0	23.0	17.6	31.9	35.1	48.0	51.6	1927
1928	34.6	26.0	31.6	236	216	80.1	72.6	37.6	86.6	162	118	69.7	84.5	1928
1929	30.6	21.1	80.7	187	116	48.0	36.2	16.6	---	---	40.7	21.0	---	1929
1930	14.6	14.2	21.1	81.3	83.6	140	187	27.4	19.1	23.0	16.6	16.3	54.0	1930
1931	10.3	6.85	10.7	126	101	53.2	18.6	10.6	13.4	35.5	81.6	86.1	46.6	1931
1932	49.2	39.3	40.4	141	78.6	26.6	16.6	13.0	12.6	43.2	66.6	62.6	60.2	1932
1933	46.6	26.6	22.3	180	116	57.1	52.2	31.1	10.6	---	---	---	---	1933
MEAN	25.3	23.1	35.6	140	111	84.7	46.4	20.7	19.3	33.3	46.0	37.3	49.1	MEAN

LOCATION - LAT 48 20 00 N
LONG 81 21 00 W

DRAINAGE AREA, 4 070 km²
REGULATED

REMARKS - STATION FORMERLY CALLED "VERMILION RIVER AT AHO'S FARM". INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1919	---	---	---	---	1919
1920	---	213 ON APR 3	5.85 ON SEP 23 *	1 380 000	1920
1921	---	214E ON APR 1	5.63 ON JUL 30	1 270 000	1921
1922	---	388 ON APR 15	6.64 ON OCT 14	1 590 000	1922
1923	---	430E ON MAY 1 *	8.00 ON APR 15	1 300 000	1923
1924	---	208 ON APR 11	9.05 ON NOV 5	1 250 000	1924
1925	---	183 ON APR 7	6.13 ON SEP 17	1 110 000	1925
1926	---	185 ON NOV 20	8.21 ON AUG 12	1 380 000	1926
1927	---	221 ON MAR 22	14.0 ON SEP 15	1 630 000	1927
1928	---	337 ON APR 14	16.1 ON SEP 8	2 980 000	1928
1929	---	331 ON APR 12	---	---	1929
1930	---	388 ON JUL 1	11.3 B ON FEB 22	1 700 000	1930
1931	---	203 ON APR 18	8.83 ON AUG 27	1 440 000	1931
1932	---	247 ON APR 14	11.7 ON OCT 1	1 890 000	1932
1933	---	266 ON APR 22	---	---	1933
				1 550 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	29.1	36.6	11.5	6.13	4.66	10.2	8.26	7.66	---	1970
1971	---	---	---	---	26.7	10.0	3.56	1.66	1.15	2.06	4.62	6.44	---	1971
1972	4.76	3.62	3.61	16.6	35.6	7.33	4.66	7.06	7.26	6.63	6.26	6.26	8.33	1972
1973	4.64	4.36	13.6	21.6	20.6	12.6	7.26	6.14	3.67	4.62	7.16	6.06	8.42	1973
1974	4.66	3.62	3.66	21.3	21.0	11.3	5.66	3.33	2.17	3.62	10.6	6.06	8.13	1974
1975	---	---	---	---	24.6	11.6	6.36	2.26	1.67	2.32	4.66	6.64	---	1975
1976	---	---	---	46.3	26.6	6.06	3.14	1.46	1.66	2.64	---	---	---	1976
1977	---	---	---	---	11.2	3.76	3.07	2.06	3.66	6.21	6.62	7.27	---	1977
MEAN	4.64	3.64	6.66	26.7	24.6	13.1	5.62	3.60	3.34	5.10	7.43	6.66	8.23	MEAN

LOCATION - LAT 46 42 54 N
LONG 80 57 01 W

DRAINAGE AREA, 635 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	53.6E AT 12:00 EST ON APR 24	53.0E ON APR 24	---	---	1971
1972	88.9E AT 13:36 EST ON MAY 4 *	89.4E ON MAY 4 *	3.00 B ON MAR 18	263 000	1972
1973	34.0 AT 23:26 EST ON MAY 9	33.6 ON MAY 10	2.86 ON OCT 1	267 000	1973
1974	47.0 AT 22:20 EST ON APR 30	46.7 ON APR 30	1.67 ON SEP 8	258 000	1974
1975	---	---	1.06 ON SEP 5	---	1975
1976	---	---	0.814 ON SEP 3 *	---	1976
1977	---	---	---	---	1977
				282 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	11.2	6.17	5.38	10.4	8.62	9.30	---	1970
1971	4.78	5.01	5.77	26.5	27.0	10.4	3.87	2.43	2.03	---	---	7.50	---	1971
1972	6.42	4.00	4.14	17.4	36.6	9.10	5.33	6.34	8.63	6.26	9.18	6.17	10.5	1972
1973	5.84	5.27	16.3	32.7	22.6	13.3	7.66	6.86	4.09	5.14	7.67	6.82	10.4	1973
1974	4.76	3.87	3.77	22.4	23.0	12.7	6.25	---	---	---	---	---	---	1974
1975	---	---	---	---	26.5	11.6	6.78	2.89	---	---	5.02	10.4	---	1975
1976	---	---	---	34.2	25.7	8.71	3.43	---	---	---	---	---	---	1976
1977	---	---	---	31.5	12.1	4.26	3.52	2.76	4.64	9.09	10.1	8.30	---	1977
1978	6.13	4.21	3.46	---	32.5	8.49	4.25	4.61	5.63	---	7.20	6.82	---	1978
1979	4.62	4.00	6.40	42.6	32.4	10.6	8.72	6.30	3.51	8.26	15.6	13.3	13.0	1979
1980	7.03	3.86	2.16	27.1	29.6	8.38	4.12	3.24	3.86	6.71	8.92	4.07	8.07	1980
1981	2.16	3.72	5.86	36.6	10.9	7.54	6.89	2.78	5.26	7.74	8.62	5.14	8.37	1981
1982	3.67	2.85	3.30	18.5	25.4	5.74	2.91	1.94	6.31	14.9	14.6	14.3	8.86	1982
1983	10.3	4.80	7.42	24.1	32.0	20.0	4.37	2.89	2.46	6.73	8.98	8.84	10.6	1983
1984	3.83	3.82	3.60	23.0	16.3	16.3	9.86	4.13	3.70	5.63	11.5	10.1	9.23	1984
1985	5.99	4.16	4.69	33.6	26.9	8.87	4.64	3.53	2.23	2.59	7.23	5.56	9.37	1985
1986	3.22	2.82	2.82	26.4	17.6	7.26	3.45	3.47	3.41	6.90	6.33	4.76	7.36	1986
1987	3.20	2.85	3.80	16.6	7.83	8.05	2.58	1.28	1.44	2.06	2.56	4.12	4.70	1987
1988	3.84	3.28	3.12	42.2	26.4	9.51	3.73	4.73	3.42	10.1	23.7	13.8	12.4	1988
MEAN	5.05	3.90	5.07	27.8	24.3	10.1	5.45	3.84	4.16	7.62	9.31	8.05	9.86	MEAN

LOCATION - LAT 46 41 07 N DRAINAGE AREA, 704 km²
LONG 81 00 32 W NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	52.1E AT 12:00 EST ON APR 24	46.4E ON APR 24	---	---	1971
1972	75.0E AT 05:48 EST ON MAY 5	74.5E ON MAY 5	3.65 B ON FEB 11	331 000	1972
1973	35.4 AT 14:31 EST ON MAY 10	34.8 ON MAY 10	3.20 ON OCT 3	327 000	1973
1974	---	46.4 ON APR 24	---	---	1974
1975	---	50.1 ON APR 30	---	---	1975
1976	---	---	---	---	1976
1977	---	50.4 ON APR 23	---	---	1977
1978	---	---	---	---	1978
1979	---	138 A ON APR 27 *	3.01 ON OCT 2	411 000	1979
1980	---	48.7E ON MAY 10	1.86 B ON MAR 7	287 000	1980
1981	84.8 AT 23:41 EST ON APR 5	82.0 ON APR 6	2.05 ON AUG 28	284 000	1981
1982	85.1 AT 06:54 EST ON APR 27	84.5 ON APR 27	1.85 E ON AUG 21	305 000	1982
1983	82.8 AT 07:20 EST ON APR 16	80.8 ON APR 16	1.76 E ON SEP 14	335 000	1983
1984	40.8 AT 06:12 EST ON APR 16	40.6 ON APR 16	2.88 ON SEP 24	292 000	1984
1985	141 AT 15:18 EST ON APR 26 *	138 ON APR 26	1.97 ON SEP 21	286 000	1985
1986	34.2 AT 10:43 EST ON APR 22	34.1 ON APR 22	2.30 B ON MAR 8	233 000	1986
1987	37.1 AT 21:12 EST ON JUN 2	28.4 ON JUN 3	0.620E ON SEP 7 *	148 000	1987
1988	---	86.8 ON APR 15	2.76 B ON MAR 20	392 000	1988
				302 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	42.2	8.58	22.0	51.8	45.0	51.8	---	1915
1916	30.5	26.7	19.7	237	154	82.5	51.8	8.84	6.02	8.58	---	---	---	1916
MEAN	30.5	26.7	19.7	237	154	82.5	47.1	8.30	13.5	35.7	45.0	51.8	---	MEAN

LOCATION - LAT 46 23 40 N DRAINAGE AREA, 3 800 km² DATA CONTRIBUTED BY -
LONG 81 16 55 W REGULATED ONTARIO HYDRO

REMARKS - INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	430 ON APR 25 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	21.5	5.75	1.78	5.83	0.881	2.26	8.83	10.3	---	1973
1974	2.61	0.881	1.33	36.1	13.5	11.2	1.43	0.737	2.81	12.9	30.6	8.70	10.0	1974
1975	3.48	1.84	1.70	49.1	20.3	5.85	0.748	0.412	0.288	0.808	4.04	13.6	8.67	1975
1976	1.87	1.25	30.2	86.3	23.3	3.28	0.838	0.821	1.41	2.38	4.77	2.42	10.8	1976
1977	1.38	1.18	34.1	40.4	3.67	0.618	1.58	5.70	17.8	18.0	23.8	13.2	13.8	1977
1978	4.18	2.31	1.83	80.8	28.0	1.88	0.874	1.84	14.8	36.8	8.85	8.10	12.1	1978
1979	3.85	2.78	28.4	89.1	18.8	5.73	2.78	2.08	2.73	8.18	21.8	11.0	16.2	1979
1980	9.02	1.87	10.0	88.8	16.4	3.32	2.28	1.82	10.8	16.4	11.8	4.74	13.4	1980
1981	2.85	16.1	17.2	81.0	12.2	8.73	4.21	1.11	8.88	17.8	8.88	8.71	13.8	1981
1982	3.05	2.05	5.88	83.5	8.28	2.12	0.754	0.448	2.71	12.8	21.2	24.2	12.3	1982
1983	7.77	3.18	19.1	40.2	38.5	10.0	1.13	0.844	3.03	13.2	8.82	8.18	12.8	1983
1984	3.43	13.3	8.20	43.4	11.3	17.2	4.30	1.85	8.14	8.45	24.7	12.2	13.0	1984
1985	3.11	2.88	8.20	81.2	11.7	1.74	2.30	0.887	0.845	2.45	10.2	4.38	10.8	1985
1986	2.14	1.28	7.56	43.3	11.8	5.48 R	1.18 R	1.04 R	1.46 R	3.08 R	4.38R	3.10R	7.14R	1986
1987	2.12	1.81	12.6	26.6	5.36	2.53	0.893	0.389	0.287	1.18	3.46	8.44	8.43	1987
1988	3.31	3.89	5.78	85.2	13.4	1.81	0.388	1.88	1.47	17.6	24.8	8.38	12.0	1988
MEAN	3.89	3.73	12.3	56.1	16.2	5.43 R	1.71 R	1.73 R	4.89 R	10.2 R	13.9 R	8.80R	11.4 R	MEAN

LOCATION - LAT 49 24 07 N, LONG 80 06 00 W DRAINAGE AREA, 761 km² NATURAL FLOW R - REVISED SINCE JAN 01 1987

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	70.5 AT 04:50 EST ON MAY 10	68.0 ON MAY 10	0.886 ON SEP 18	---	1973
1974	115 B AT 00:10 EST ON APR 17	108 ON NOV 2	0.848 ON AUG 18	318 000	1974
1975	---	148 B ON APR 22	0.288 ON SEP 4	287 000	1975
1976	127 AT 18:36 EST ON APR 1	125 ON APR 2	0.334E ON SEP 7	343 000	1976
1977	138 AT 04:41 EST ON MAR 31	126 ON MAR 31	0.386 ON JUL 24	426 000	1977
1978	118 AT 04:40 EST ON APR 28	117 ON APR 28	0.852 ON AUG 18	381 000	1978
1979	186 AT 19:31 EST ON APR 15	182 ON APR 15	0.807 ON JUL 24	511 000	1979
1980	202 AT 11:10 EST ON APR 10	189 ON APR 10	0.788 ON AUG 8	424 000	1980
1981	182 AT 18:54 EST ON APR 8	176 ON APR 8	0.843 ON AUG 3	428 000	1981
1982	138 AT 01:04 EST ON APR 18	133 ON APR 18	0.411 ON AUG 6	388 000	1982
1983	86.4 AT 22:21 EST ON APR 15	83.2 ON APR 15	0.472 ON JUL 27	403 000	1983
1984	86.0 AT 21:25 EST ON APR 8	83.3 ON APR 8	0.868 ON JUL 30	411 000	1984
1985	241 AT 02:52 EST ON APR 24 *	233 ON APR 24 *	0.486 ON SEP 2	341 000	1985
1986	130 AT 18:47 EST ON APR 3	128 ON APR 3	0.488R ON SEP 3	335 000R	1986
1987	72.8 AT 19:58 EST ON MAR 30	66.1E ON MAR 30	0.211 ON SEP 17	171 000	1987
1988	---	153 ON APR 7	0.188 ON AUG 8 *	381 000	1988
				381 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	18.0	15.0	12.7	13.0	13.8	14.3	---	1970
1971	15.3	12.6	15.6	26.1	30.0	20.1	20.8	13.0	13.0	26.8	67.8	20.0	26.1	1971
1972	15.6	14.0	13.4	12.7	12.4	16.0	12.8	13.0	8.27	8.43	8.24	8.64	11.7	1972
1973	8.38	8.73	8.85	7.47	3.88	3.46	3.45	4.32	10.1	14.1	13.2	11.7	7.81	1973
1974	13.3	13.7	12.5	24.8	73.5	88.3	12.8	13.4	11.7	12.3	12.2	13.0	23.3	1974
1975	12.7	12.8	12.7	12.4	28.2	10.8	11.1	11.4	8.10	8.82	8.86	8.85	11.4	1975
1976	8.87	8.88	11.8	8.71	10.8	8.20	8.63	8.82	5.70	4.72	3.01	1.42	7.12	1976
1977	1.42	1.42	1.42	1.42	2.18	17.8	17.1	11.4	10.8	10.7	10.8	10.8	8.13	1977
1978	10.7	10.5	10.3	11.3	11.2	38.1	10.4	14.8	11.0	8.83	12.3	11.1	13.8	1978
1979	8.87	8.83	12.4	11.8	36.7	8.86	8.10	7.78	5.86	5.18	8.86	11.4	11.8	1979
1980	12.0	12.0	11.2	8.80	4.13	1.78	1.43	1.88	2.03	1.88	3.22	12.1	6.12	1980
1981	12.2	7.36	8.88	2.27	2.17	8.46	11.7	11.8	4.87	3.30	2.58	1.42	6.04	1981
1982	8.84	7.78	7.78	8.87	8.88	28.8	80.8	13.1	12.1	13.8	13.8	12.8	15.8	1982
1983	12.8	12.8	12.4	12.3	13.0	24.4	12.4	13.1	7.78	2.72	4.00	8.46	11.0	1983
1984	8.38	8.38	8.87	8.07	11.0	32.8	12.4	10.8	7.28	8.06	8.70	8.88	10.2	1984
1985	8.88	8.46	10.3	28.8	84.8	32.2	36.8	28.8	28.8	81.8	17.0	7.86	28.8	1985
1986	8.88R	4.46R	4.28R	8.28R	88.4 R	16.8 R	12.2 R	11.1 R	8.87R	8.24R	3.82R	7.78R	12.8 R	1986
1987	87.3	86.8	101	48.3	31.2	78.7	84.1	47.8	24.4	18.8	18.8	24.4	84.0	1987
1988	2.27	2.27	4.18	8.06	8.78	8.60	8.26	7.28	8.10	8.80	7.08	7.83	8.18	1988
MEAN	14.0 R	13.4 R	14.8 R	13.8 R	28.3 R	23.3 R	16.3 R	13.2 R	10.4 R	13.7 R	13.1 R	10.2 R	15.1 R	MEAN

LOCATION - LAT 49 48 45 N, LONG 93 52 15 W DRAINAGE AREA, 2 300 km² REGULATED DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED R - REVISED SINCE JAN 01 1987

WABIGOON RIVER AT DRYDEN - STATION NO. 05OD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	68.5 ON NOV 3	5.50 ON SEP 5	782 000	1971
1972	---	24.8 ON JUN 17	5.41 ON NOV 10	370 000	1972
1973	---	28.3 ON OCT 30	1.44 ON JUN 7	250 000	1973
1974	---	121 ON MAY 3 *	7.83 ON JUL 1	735 000	1974
1975	---	41.8 ON MAY 8	4.83 ON OCT 8	380 000	1975
1976	---	15.0 ON JAN 28	0 ON AUG 23 *	225 000	1976
1977	---	88.2 ON JUN 15	1.42 ON JAN 1	258 000	1977
1978	---	57.8 ON JUN 8	0 ON JUL 4	438 000	1978
1979	---	90.6 ON MAY 12	4.25 ON OCT 15	384 000	1979
1980	---	13.6 ON DEC 2	0.425 ON JUL 5	194 000	1980
1981	---	13.0 ON JAN 28	1.42 ON NOV 6	181 000	1981
1982	---	83.4 ON JUL 15	1.42 ON JAN 1	500 000	1982
1983	---	46.4 ON JUN 20	0.850 ON OCT 19	347 000	1983
1984	---	90.5 ON JUN 14	4.25 ON OCT 15	324 000	1984
1985	---	109 ON MAY 17	0.283 ON FEB 21	939 000	1985
1986	---	114 R ON MAY 8	3.82 R ON NOV 1	498 000R	1986
1987	---	104 ON JUN 9	18.3 ON APR 30	1 700 000	1987
1988	---	11.0 ON JUL 15	2.27 ON JAN 1	196 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		477 000R	MEAN

WABIGOON RIVER AT WABIGOON FALLS - STATION NO. 05OD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	32.0	24.8	---	1914
1915	24.8	23.3	20.1	48.7	72.7	58.8	59.2	32.3	28.8	39.8	---	---	---	1915
1916	---	---	---	---	72.8	44.0	35.8	41.4	31.3	---	---	---	---	1916
MEAN	24.8	23.3	20.1	48.7	72.8	58.4	47.8	36.8	30.1	39.8	32.0	24.8	---	MEAN

LOCATION - LAT 50 15 15 N, LONG 93 55 00 W
DRAINAGE AREA, 6 080 km^2, REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

WABIGOON RIVER AT WABIGOON FALLS - STATION NO. 05OD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	79.8 ON MAY 10 *	---	---	1915
1916	---	---	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO. 05QD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	29.7	33.5	32.9	24.3	19.4	---	1914
1915	19.5	19.9	19.3	37.0	82.1	55.3	45.1	24.5	22.9	28.1	---	---	---	1915
1916	---	---	---	---	149	155	81.9	49.6	51.3	52.0	---	---	---	1916
1917	---	---	---	---	83.9	29.8	24.4	28.0	21.8	19.3	---	---	---	1917
1918	---	---	---	---	52.0	47.8	32.0	29.1	18.5	16.8	---	---	---	1918
1919	---	---	---	---	84.0	59.4	107	79.2	54.0	49.3	39.5	---	---	1919
1920	---	---	---	---	98.7	83.2	37.5	29.8	22.3	27.0	21.6	---	---	1920
1921	---	---	---	42.2	33.6	28.7	29.5	31.0	28.9	30.7	19.1	19.8	---	1921
1922	14.3	17.9	19.8	41.8	170	104	36.1	54.5	49.9	35.3	27.5	20.5	50.8	1922
1923	20.6	19.2	19.6	71.5	79.0	28.8	35.0	29.0	31.9	37.3	27.6	19.9	36.8	1923
1924	17.3	17.0	19.3	36.0	56.2	50.2	26.3	24.5	24.1	14.0	12.3	13.8	25.7	1924
1925	---	15.7	14.5	46.4	83.7	75.0	47.6	31.9	27.6	31.4	27.2	28.9	---	1925
1926	23.2	25.2	25.0	35.5	36.6	50.0	52.9	34.9	54.0	47.6	43.7	30.7	43.6	1926
1927	37.5	32.9	50.7	135	255	217	---	74.2	45.9	42.9	31.4	25.9	---	1927
1928	23.5	22.1	23.1	28.0	42.0	57.9	51.6	40.5	35.5	26.7	25.9	22.2	36.3	1928
1929	22.7	22.6	24.8	36.5	41.6	43.5	32.9	24.0	25.2	20.6	14.6	19.6	27.6	1929
1930	20.6	22.0	25.8	29.0	54.3	26.1	22.9	21.7	18.2	16.1	13.2	19.5	24.2	1930
1931	15.2	16.6	13.4	22.7	26.3	29.7	32.5	21.6	13.3	14.8	10.5	13.6	19.9	1931
1932	11.2	8.30	8.87	56.9	61.9	19.7	13.4	15.2	16.5	17.6	10.9	8.88	20.9	1932
1933	9.18	18.3	13.6	57.6	69.4	25.0	17.0	18.9	18.6	24.2	18.5	16.0	26.2	1933
1934	17.6	17.9	15.6	16.6	146	122	83.0	34.9	24.0	24.5	37.6	29.4	47.7	1934
1935	24.2	24.0	44.3	84.3	182	89.6	61.0	75.2	47.2	55.5	29.1	20.3	80.6	1935
1936	19.0	19.2	26.3	47.7	91.3	80.3	23.5	19.0	22.5	21.2	19.1	19.6	31.3	1936
1937	18.7	14.9	20.6	46.7	137	112	84.7	41.6	35.6	30.2	24.7	17.9	46.6	1937
1938	19.7	21.2	26.0	60.5	170	68.3	42.6	23.0	32.2	19.6	17.3	14.9	45.3	1938
1939	17.4	15.6	16.4	21.2	23.9	27.9	34.5	23.3	23.0	25.6	23.6	22.3	22.9	1939
1940	22.5	22.2	19.2	22.6	36.3	26.6	21.0	18.3	18.4	16.3	16.1	16.9	21.6	1940
1941	15.6	11.6	10.7	42.4	28.3	35.0	26.1	23.4	133	230	57.3	36.6	54.6	1941
1942	34.6	36.6	36.5	36.3	47.5	36.7	33.3	29.0	89.6	36.5	31.3	26.6	37.6	1942
1943	30.6	28.3	31.6	67.4	137	176	117	49.2	60.3	31.0	27.1	26.0	65.3	1943
1944	29.3	28.0	27.7	45.6	80.9	83.6	33.5	64.0	44.2	33.8	41.6	33.3	43.8	1944
1945	30.4	28.1	28.6	117	79.3	53.0	40.0	24.8	47.2	38.6	37.0	23.3	47.4	1945
1946	31.3	31.2	66.6	138	83.0	42.8	36.3	25.7	30.1	31.1	35.6	31.4	48.2	1946
1947	31.1	28.1	28.6	32.1	66.7	111	46.6	31.0	32.0	37.4	32.7	29.2	42.4	1947
1948	28.4	26.2	28.2	66.2	79.3	39.2	32.6	32.4	29.8	24.1	23.4	19.6	36.0	1948
1949	22.7	24.1	20.6	66.2	37.8	27.2	21.6	18.6	22.2	28.1	28.7	26.8	27.9	1949
1950	26.1	26.4	28.7	37.6	178	85.4	120	66.6	44.6	64.7	40.7	30.1	60.8	1950
1951	31.2	34.1	36.6	60.2	104	64.8	42.7	33.3	34.6	44.6	35.8	28.2	47.6	1951
1952	28.0	32.4	30.6	46.1	30.7	30.0	60.6	43.6	33.6	26.6	24.6	20.6	36.1	1952
1953	20.6	24.1	22.8	33.2	41.0	73.1	66.6	33.6	63.3	---	---	---	---	1953
MEAN	23.6	22.9	25.4	53.1	82.8	64.4	47.0	36.3	35.9	37.0	28.2	23.6	39.2	MEAN

LOCATION - LAT 49 57 45 N LONG 93 24 15 W

DRAINAGE AREA, 5 480 km²

REGULATED

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO. 05QD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	78.7 ON MAY 10	---	---	1915
1916	---	177 ON MAY 31	---	---	1916
1917	---	---	---	---	1917
1918	---	---	---	---	1918
1919	---	129 ON JUL 12	---	---	1919
1920	---	---	---	---	1920
1921	---	---	---	---	1921
1922	---	238 ON MAY 21	11.2 B ON JAN 1	1 600 000	1922
1923	---	187 ON APR 28	17.4 B ON FEB 17	1 130 000	1923
1924	---	109 ON APR 28	10.1 ON OCT 25	812 000	1924
1925	---	---	---	---	1925
1926	---	131 ON OCT 6	17.3 ON MAR 8	1 380 000	1926
1927	---	---	---	---	1927
1928	---	104 ON JUN 20	20.6 B ON FEB 13	1 140 000	1928
1929	---	84.7 ON JUN 4	13.8 ON OCT 28	870 000	1929
1930	---	71.5 ON MAY 18	8.82 ON SEP 10	761 000	1930
1931	---	42.8 ON JUL 20	6.28 ON SEP 17	638 000	1931
1932	---	116 ON APR 21	2.87 ON SEP 27 *	880 000	1932
1933	---	142 ON APR 28	3.81 ON JAN 18	794 000	1933
1934	---	187 ON MAY 14	4.80 ON SEP 10	1 800 000	1934
1935	---	191 ON MAY 7	8.48 ON DEC 28	1 820 000	1935
1936	---	124 ON MAY 18	6.72 ON DEC 30	892 000	1936
1937	---	187 ON APR 28	7.878 ON FEB 10	1 840 000	1937
1938	---	242 ON MAY 9	7.73 ON DEC 30	1 430 000	1938
1939	---	72.2 ON JUL 14	6.869 ON FEB 24	723 000	1939
1940	---	85.2 ON APR 30	7.60 ON JAN 15	884 000	1940
1941	---	323 ON SEP 25 *	8.88 ON FEB 17	1 720 000	1941
1942	---	84.4 ON SEP 25	16.0 ON DEC 27	1 190 000	1942
1943	---	202 ON JUN 20	7.83 ON DEC 27	2 060 000	1943
1944	---	122 ON JUN 6	17.3 ON APR 3	1 330 000	1944
1945	---	132 ON MAR 31	12.8 ON AUG 18	1 500 000	1945
1946	---	232 B ON MAR 31	13.5 ON AUG 11	1 850 000	1946
1947	---	204 ON JUN 14	10.1 ON SEP 2	1 340 000	1947
1948	---	174 ON APR 27	3.77 ON DEC 28	1 140 000	1948
1949	---	91.2 ON APR 24	3.11 ON JUL 12	881 000	1949
1950	---	234 ON MAY 18	7.31 ON JAN 18	1 820 000	1950
1951	---	181 ON MAY 6	13.3 ON DEC 27	1 800 000	1951
1952	---	120 ON JUL 28	3.80 ON DEC 30	1 140 000	1952
1953	---	114 ON JUN 7	---	---	1953
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 240 000	MEAN

WABIGOON RIVER NEAR DRYDEN - STATION NO. 05QD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	21.1	17.8	15.5	15.5	17.8	18.5	---	1970
MEAN	---	---	---	---	---	---	21.1	17.8	15.5	15.5	17.8	18.5	---	MEAN

LOCATION - LAT 49 48 50 N DRAINAGE AREA, 2 350 km^2
LONG 92 52 35 W REGULATED

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	43.4	31.5	29.7	---	1953
1954	29.6	30.6	30.1	62.1	187	116	63.5	31.5	31.2	34.6	36.1	33.4	57.4	1954
1955	31.0	31.5	32.4	64.1	40.3	85.0	39.1	30.1	28.5	34.8	36.8	31.7	42.8	1955
1956	31.5	33.1	30.1	88.5	155	105	60.6	38.3	33.9	30.2	23.9	25.0	52.2	1956
1957	28.0	33.6	34.6	64.0	67.8	78.7	55.5	35.0	28.2	30.7	28.1	26.8	41.6	1957
1958	30.5	30.3	30.4	37.6	36.2	33.6	42.6	32.5	29.0	31.0	29.3	24.4	32.3	1958
1959	27.8	30.8	29.8	45.5	59.6	65.2	56.7	35.6	35.1	32.2	26.0	30.6	40.0	1959
1960	33.3	33.0	33.3	83.1	46.1	44.2	36.5	34.3	30.8	26.8	26.2	23.6	38.1	1960
1961	26.6	25.9	26.1	64.4	46.1	36.1	29.2	26.4	24.0	21.6	22.6	18.6	31.1	1961
1962	20.0	23.1	24.8	39.3	52.6	47.6	66.1	66.5	64.5	34.6	33.6	37.5	43.9	1962
1963	32.3	33.2	33.6	61.2	54.6	148	64.3	64.3	40.5	32.6	33.4	32.2	52.5	1963
1964	32.8	33.0	32.4	63.9	69.7	62.1	46.3	40.8	61.4	111	41.0	36.8	56.1	1964
1965	36.0	35.8	36.0	61.2	73.3	108	60.8	36.0	28.4	50.0	42.3	36.8	52.3	1965
1966	40.5	46.4	46.3	91.5	192	92.7	79.8	30.9	24.8	25.1	26.8	26.7	60.6	1966
1967	27.4	28.2	27.6	69.0	65.6	40.0	37.5	40.5	28.8	23.7	23.7	23.7	36.3	1967
1968	26.1	28.5	31.2	58.8	36.3	82.6	59.8	40.8	52.8	85.0	44.1	34.8	47.7	1968
1969	38.3	40.4	40.4	74.3	84.4	84.8	63.8	109	50.3	88.7	41.3	37.9	62.6	1969
1970	36.7	36.3	38.8	59.6	235	145	46.1	36.7	47.2	66.1	61.6	43.2	70.4	1970
1971	41.3	36.6	40.3	103	100	89.2	66.6	38.5	41.0	101	114	75.2	70.8	1971
1972	60.0	63.1	61.3	83.1	62.2	46.8	41.6	37.6	41.1	40.3	36.3	28.1	44.3	1972
1973	27.3	27.2	31.1	47.6	34.0	24.9	28.7	36.6	40.8	50.8	43.8	36.8	36.0	1973
1974	36.7	36.0	36.1	64.4	185	158	46.4	40.7	46.4	46.3	40.0	37.1	89.3	1974
1975	27.2	27.5	27.1	63.8	86.4	89.2	38.4	36.3	33.2	30.6	32.3	28.2	43.8	1975
1976	27.8	28.4	33.7	60.6	63.7	32.1	26.8	18.1	11.3	18.5	19.1	16.1	28.8	1976
1977	16.4	16.3	17.6	30.0	33.8	86.8	43.6	31.1	25.0	30.7	27.0	28.8	28.6	1977
1978	28.0	33.7	32.3	66.1	77.6	89.6	61.4	61.8	36.8	36.4	35.7	31.6	44.7	1978
1979	30.4	28.6	34.1	72.0	82.6	61.9	34.4	31.1	27.6	22.2	24.3	24.3	40.3	1979
1980	32.0	32.7	31.1	62.1	26.9	7.76	7.46	8.72	8.63	8.86	18.3	24.7	21.2	1980
1981	26.0	21.6	20.6	15.6	10.1	26.6	43.7	18.8	18.3	18.5	20.8	18.1	21.5	1981
1982	22.6	27.6	28.6	51.5	63.7	74.6	146	89.6	35.6	46.1	40.6	37.6	62.3	1982
1983	35.3	35.1	34.3	46.5	47.6	58.6	37.3	31.7	13.1	7.32	16.6	20.0	31.8	1983
1984	19.6	18.6	18.3	32.6	64.0	51.6	30.2	18.7	12.1	15.3	28.0	27.6	28.6	1984
1985	27.6	27.1	30.0	77.6	182	109	73.3	45.6	87.2	113	64.8	38.5	69.6	1985
1986	36.3	33.4	31.7	70.6	180	60.6	36.1	33.6	27.1	25.2	17.6	33.3	44.6	1986
1987	22.6	22.3	24.6	28.3	17.8	23.0	17.1	17.2	12.3	11.6	11.7	11.7	18.4	1987
1988	11.6	11.8	14.2	36.6	26.7	20.6	26.3	18.2	16.2	16.0	16.1	17.8	19.8	1988
MEAN	30.1	30.7	31.4	59.6	80.1	69.8	47.1	38.1	33.0	39.3	34.0	30.4	43.7	MEAN

LOCATION - LAT 49 57 20 N DRAINAGE AREA, 8 370 km²
LONG 93 33 50 W REGULATED SINCE 1914

REMARKS - ANGULAR FLOW COEFFICIENT OF 0.65 APPLIED TO BRIDGE MEASUREMENTS.

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	236 ON MAY 18	11.6 ON SEP 7	1 810 000	1954
1955	---	135 ON APR 14	13.0 ON JAN 3	1 380 000	1955
1956	---	214 ON MAY 29	8.29 ON DEC 29	1 650 000	1956
1957	---	104 E ON MAY 1	8.78E ON JAN 1	1 320 000	1957
1958	88.2 AT 20:00 CST ON JUL 19	88.6 ON JUL 19	12.3 E ON JAN 1	1 020 000	1958
1959	86.1 AT 08:00 CST ON JUL 10	87.6 ON JUL 10	12.0 A ON JAN 2	1 280 000	1959
1960	---	130 A ON APR 24	12.1 ON OCT 16	1 140 000	1960
1961	---	101 A ON APR 23	8.63 ON DEC 25	861 000	1961
1962	155 AT 01:30 CST ON AUG 28	154 ON AUG 27	9.46 ON JAN 1	1 380 000	1962
1963	202 AT 10:40 CST ON JUN 19	202 ON JUN 19	25.8 ON DEC 27	1 650 000	1963
1964	182 AT 16:00 CST ON OCT 9	181 ON OCT 9	26.8 ON DEC 25	1 770 000	1964
1965	---	170 ON JUN 11	21.5 ON SEP 14	1 650 000	1965
1966	224 AT 12:15 CST ON MAY 24	223 ON MAY 24	19.9 ON SEP 26	1 820 000	1966
1967	104 AT 03:00 CST ON APR 24	104 ON APR 24	18.9 ON DEC 27	1 110 000	1967
1968	130 AT 10:30 CST ON JUN 19	130 ON JUN 19	33.0 ON JAN 2	1 610 000	1968
1969	187 AT 18:45 CST ON AUG 17	186 ON AUG 17	33.4 ON DEC 26	1 870 000	1969
1970	271 AT 00:01 CST ON MAY 6	270 ON MAY 6	32.8 ON AUG 29	2 220 000	1970
1971	176 AT 06:00 CST ON APR 20	176 ON APR 20	34.5 ON FEB 23	2 220 000	1971
1972	105 AT 20:48 CST ON APR 23	104 ON APR 23	26.9 ON DEC 26	1 400 000	1972
1973	78.3 AT 06:09 CST ON APR 23	78.2 ON APR 23	21.3 ON JUL 8	1 130 000	1973
1974	276 AT 05:57 CST ON JUN 11 *	276 ON JUN 11 *	32.3 ON MAR 22	2 190 000	1974
1975	144 AT 06:12 CST ON APR 26	143 ON APR 26	28.4 ON SEP 5	1 380 000	1975
1976	141 AT 04:16 CST ON APR 19	140 ON APR 19	2.27E ON AUG 26 *	848 000	1976
1977	102 AT 09:21 CST ON JUN 21	101 ON JUN 21	14.9 B ON JAN 14	833 000	1977
1978	---	155 E ON APR 29	25.7 ON JUL 12	1 410 000	1978
1979	151 AT 06:10 CST ON APR 27	151 ON APR 27	16.1 ON SEP 8	1 270 000	1979
1980	88.8 AT 22:00 CST ON APR 22	88.6 ON APR 22	4.83 ON JUL 13	869 000	1980
1981	110 AT 01:37 CST ON JUL 1	107 ON JUL 1	8.76 ON MAY 21	877 000	1981
1982	174 AT 15:30 CST ON JUL 8	172 ON JUL 9	19.7 ON JAN 2	1 650 000	1982
1983	74.1 AT 11:13 CST ON JUN 18	73.6 ON JUN 19	5.90 ON OCT 21	1 000 000	1983
1984	89.8 AT 17:38 CST ON JUN 16	88.3 ON JUN 17	9.83 ON OCT 12	808 000	1984
1985	227 AT 17:41 CST ON MAY 18	225 ON MAY 19	21.5 ON FEB 23	2 200 000	1985
1986	200 AT 15:58 CST ON MAY 12	199 ON MAY 11	18.7 ON NOV 7	1 410 000	1986
1987	40.0 AT 18:15 CST ON APR 11	39.6 ON APR 11	11.1 ON OCT 16	878 000	1987
1988	89.8 AT 15:25 CST ON APR 14	88.2 ON APR 14	11.0 ON JAN 13	828 000	1988
				1 380 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	44.8	27.9	53.1	86.1	28.7	12.0	12.8	24.3	41.9	36.8	---	1974
1975	35.2	39.7	36.5	34.8	25.1	51.7	23.6	10.2	10.2	8.83	18.6	23.3	28.4	1975
1976	28.0	36.6	41.6	44.0	80.1	34.6	12.3	8.83	10.0	22.2	16.3	24.7	29.8	1976
1977	24.6	21.7	42.0	35.6	42.8	10.1	16.4	14.4	22.7	35.6	42.6	43.1	29.3	1977
1978	39.2	37.4	46.7	16.4	15.1	31.3	13.2	12.8	14.0	49.6	46.1	36.1	29.6	1978
1979	38.9	32.9	35.2	46.1	143	51.8	31.0	20.4	18.2	28.6	37.7	58.7	46.0	1979
1980	44.9	51.2	44.4	21.4	69.9	24.9	21.7	18.0	---	---	---	---	---	1980
MEAN	34.8	35.6	41.6	32.3	61.4	37.2	21.0	13.2	14.7	27.7	33.7	37.0	32.0	MEAN

LOCATION - LAT 46 31 15 N DRAINAGE AREA, 2 780 km²
LONG 80 42 41 W REGULATED SINCE 1925

REMARKS - STATION FORMERLY CALLED "WANAPITEI RIVER BELOW STINSON GENERATING STATION"

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	79.9 AT 14:06 EST ON MAY 17	78.2 ON MAY 18	7.82 ON AUG 2	---	1974
1975	83.5 AT 15:06 EST ON JUN 10	80.7 ON JUN 11	0.765E ON AUG 22 *	831 000	1975
1976	---	84.3 ON MAY 3	0.881E ON JUL 29	941 000	1976
1977	104 AT 12:43 EST ON APR 28	88.0 ON MAY 2	7.08 ON APR 11	925 000	1977
1978	84.9 AT 22:06 EST ON MAR 24	84.7 ON MAR 24	3.06 ON MAY 3	932 000	1978
1979	285 AT 11:06 EST ON APR 30 *	276 ON APR 30 *	12.5 ON APR 11	1 420 000	1979
1980	105 AT 15:43 EST ON MAY 15	105 ON MAY 14	6.21 ON AUG 12	---	1980
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010 000	MEAN

E - ESTIMATED

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	22.6	---	33.6	---	1916
1917	18.8	19.2	---	48.5	---	---	---	---	31.5	---	---	---	---	1917
1918	---	---	---	---	---	---	---	---	---	44.6	42.7	43.4	---	1918
1920	33.2	26.3	40.8	54.9	88.4	67.8	90.6	37.4	23.3	18.7	23.9	19.6	41.1	1920
1921	13.6	13.1	27.2	37.4	40.8	20.6	26.4	31.2	24.2	17.0	21.6	27.4	25.6	1921
1922	18.7	19.8	30.6	83.9	102	36.6	47.7	30.6	20.4	17.6	16.4	---	---	1922
1923	---	---	---	51.0	47.7	58.2	---	---	---	---	---	---	---	1923
MEAN	21.1	18.6	29.8	57.3	69.6	46.0	44.6	33.1	24.9	23.6	25.9	31.1	33.6	MEAN

LOCATION - LAT 46 19 00 N DRAINAGE AREA, 3 240 km² DATA CONTRIBUTED BY -
LONG 80 50 15 W REGULATED ONTARIO HYDRO

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1916	---	---	---	---	1916
1917	---	---	---	---	1917
1918	---	---	---	---	1918
1920	---	87.4 ON APR 30	13.6 ON DEC 13	1 300 000	1920
1921	---	82.4 ON MAR 28	10.4B ON MAR 8 *	815 000	1921
1922	---	122 ON APR 10 *	---	---	1922
1923	---	---	---	---	1923
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 060 000	MEAN

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	17.7	16.8	21.9	---	1922
1923	26.0	30.1	24.7	52.2	49.6	56.5	47.3	33.5	45.[illegible]	35.9	20.8	16.7	37.0	1923
1924	22.1	24.5	24.0	46.5	30.8	33.2	47.8	27.0	20.9	16.9	24.4	23.0	28.5	1924
1925	25.1	25.5	27.5	43.6	38.6	48.4	45.3	18.5	16.4	19.2	24.8	22.5	29.8	1925
1926	21.8	20.1	36.6	46.6	40.5	37.9	53.0	45.5	26.6	21.7	31.2	24.9	34.6	1926
1927	26.2	28.4	49.4	68.7	66.6	50.6	25.4	18.8	20.2	22.3	23.6	24.1	37.2	1927
1928	24.0	28.3	57.3	102	104	81.2	52.4	35.8	50.4	104	104	46.6	70.8	1928
1929	36.1	37.0	38.5	60.0	107	73.8	73.1	38.6	28.2	28.6	27.4	26.8	48.6	1929
1930	26.7	28.1	31.9	41.6	34.7	90.8	127	38.0	28.7	29.5	25.3	23.8	43.8	1930
1931	25.6	24.2	22.1	43.0	58.1	26.0	25.6	26.4	25.1	27.2	38.8	42.0	32.2	1931
1932	36.1	60.5	53.7	60.0	28.0	23.0	24.4	15.5	18.3	27.5	79.2	52.4	40.0	1932
1933	41.3	32.0	28.3	67.7	67.0	71.1	52.7	54.6	27.3	30.3	28.6	26.6	44.0	1933
1934	30.0	32.0	30.3	49.7	31.7	29.4	26.6	26.3	27.1	26.2	36.5	27.9	31.3	1934
1935	31.1	35.1	30.0	36.3	26.7	29.5	41.2	26.8	26.6	28.9	30.6	28.6	31.2	1935
1936	30.7	29.8	36.7	46.3	73.1	33.4	31.2	34.0	37.1	33.2	30.5	30.6	37.2	1936
1937	32.0	34.6	29.9	46.5	38.3	29.1	33.4	32.1	38.7	35.4	34.7	27.2	34.6	1937
1938	30.6	43.3	74.9	111	107	76.4	32.3	26.5	25.1	26.6	36.1	27.7	51.5	1938
1939	24.0	22.7	23.1	46.7	28.6	64.6	32.3	29.4	29.6	31.7	30.6	26.3	34.3	1939
1940	31.4	32.4	26.7	31.1	26.7	26.0	36.1	26.1	36.7	22.4	32.3	37.6	30.6	1940
1941	36.5	44.5	43.5	60.2	52.7	33.1	60.2	34.5	29.3	71.0	64.9	66.2	50.5	1941
1942	43.6	44.6	36.4	67.8	61.8	35.4	32.6	37.7	37.3	34.2	30.6	26.3	40.7	1942
1943	26.7	22.7	24.1	51.0	30.7	66.7	40.4	32.2	33.1	33.5	34.2	33.1	37.8	1943
1944	31.5	31.0	27.6	39.3	26.1	36.6	30.6	32.2	34.6	31.6	33.9	34.4	32.3	1944
1945	32.2	30.0	37.3	26.6	31.1	76.6	34.4	36.6	37.3	26.1	41.6	31.6	37.0	1945
1946	30.6	36.0	76.6	31.9	40.7	41.6	34.2	35.2	36.0	40.0	36.0	28.3	39.3	1946
1947	26.0	26.9	26.9	51.3	110	146	41.0	36.6	40.6	41.5	30.5	31.2	51.3	1947
1948	27.4	23.7	36.1	34.7	26.1	27.0	24.6	26.4	26.4	29.0	29.3	26.6	28.1	1948
1949	26.6	29.6	40.1	36.6	26.3	61.0	36.4	33.6	36.5	40.4	37.7	31.4	36.3	1949
1950	26.5	31.3	41.1	42.6	20.6	14.2	13.7	16.3	30.4	31.6	33.4	31.6	26.2	1950
1951	37.3	36.7	47.6	69.6	53.0	41.3	36.4	21.3	26.6	76.9	66.6	46.3	47.2	1951
1952	47.9	46.7	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	30.6	32.6	37.6	52.9	52.4	52.1	41.0	30.6	31.3	36.0	37.9	31.6	38.6	MEAN

LOCATION - LAT 46 28 20 N DRAINAGE AREA, 2 820 km²
LONG 80 49 10 W REGULATED

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1922	---	---	---	---	1922
1923	---	144 ON APR 24	18.0B ON DEC 18	1 170 000	1923
1924	---	101 ON APR 7	18.4 ON OCT 28	801 000	1924
1925	---	78.2 ON JUN 18	14.0 ON JUL 28	838 000	1925
1926	---	125 ON NOV 18	17.6 ON OCT 31	1 060 000	1926
1927	---	104 ON MAY 11	17.1 ON AUG 28	1 170 000	1927
1928	---	222 ON MAY 18 *	22.1RB ON JAN 8	2 240 000	1928
1929	---	180 ON APR 7	23.6 ON OCT 8	1 560 000	1929
1930	---	212 E ON JUL 2	23.1B ON DEC 28	1 380 000	1930
1931	---	117 ON MAY 21	21.7 ON OCT 4	1 010 000	1931
1932	---	117 ON NOV 13	12.4 ON AUG 28	1 260 000	1932
1933	---	120 ON JUN 17	23.2 ON OCT 8	1 380 000	1933
1934	---	67.6 ON NOV 23	17.6 ON SEP 8	868 000	1934
1935	---	161 ON JUL 7	21.0 ON JUL 28	884 000	1935
1936	---	138 ON MAY 20	21.1 ON OCT 24	1 180 000	1936
1937	---	123 ON SEP 12	21.6B ON DEC 19	1 080 000	1937
1938	---	171 ON APR 30	21.5 ON SEP 25	1 630 000	1938
1939	---	104 ON JUN 18	18.7RB ON MAR 26	1 060 000	1939
1940	---	78.7 ON JUL 3	14.0 ON JUN 18	874 000	1940
1941	---	154 ON JUL 20	19.6 ON JUN 13	1 580 000	1941
1942	---	117 ON APR 6	22.6RB ON DEC 11	1 280 000	1942
1943	---	167 ON JUN 16	17.3RB ON MAR 15	1 180 000	1943
1944	---	95.1 ON JUN 18	16.0 ON JUN 4	1 030 000	1944
1945	---	157 ON JUN 4	16.4 ON MAY 7	1 170 000	1945
1946	---	116 ON MAR 15	20.2RB ON DEC 28	1 240 000	1946
1947	---	209 ON JUN 18	22.6RB ON NOV 23	1 620 000	1947
1948	---	73.3RB ON MAR 24	16.6 ON JUL 4	868 000	1948
1949	---	139 ON JUN 29	16.1 ON MAY 15	1 140 000	1949
1950	---	77.0B ON MAR 28	10.2 ON JUN 21 *	849 000	1950
1951	---	141 ON APR 9	15.2 ON AUG 22	1 480 000	1951
1952	---	58.1B ON JAN 22	39.1RB ON FEB 8	---	1952
				1 230 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	17.8	21.2	20.8	20.8	20.1	---	1915
1916	20.0	18.2	18.4	37.1	131	55.4	50.8	27.7	13.8	---	---	---	---	1916
MEAN	20.0	18.2	18.4	37.1	131	55.4	50.8	22.7	17.4	20.8	20.8	20.1	---	MEAN

LOCATION - LAT 46 31 20 N DRAINAGE AREA, 3 770 km² DATA CONTRIBUTED BY -
LONG 80 42 35 W NATURAL FLOW ONTARIO HYDRO

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	140 ON MAY 5 *	10.8 ON AUG 24 *	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	61.4	31.4	35.5	26.1	26.9	27.0	26.2	30.4	33.2	---	1952
1953	40.2	47.3	73.0	38.6	36.1	36.9	30.3	24.9	27.2	26.9	27.8	26.8	36.5	1953
1954	31.1	38.6	65.9	60.7	29.6	74.4	34.6	25.1	37.2	80.6	54.2	46.4	47.4	1954
1955	45.2	46.9	54.6	61.9	21.6	16.2	15.6	14.3	12.3	22.7	23.8	29.5	30.2	1955
1956	40.8	43.7	44.7	42.6	15.1	12.8	18.4	15.6	27.3	39.7	42.0	37.2	31.7	1956
1957	36.1	39.0	80.6	36.2	26.0	21.6	101	21.4	31.3	37.6	80.7	46.0	41.6	1957
1958	37.6	36.1	41.6	30.3	16.9	11.4	13.1	10.9	11.6	16.4	26.2	29.5	23.6	1958
1959	26.3	32.0	36.6	66.6	32.9	27.2	23.3	16.1	20.6	43.4	46.0	39.6	33.6	1959
1960	37.6	40.6	49.6	66.6	169	61.4	46.4	26.9	29.7	32.6	36.9	31.1	54.2	1960
1961	37.3	36.2	33.7	32.9	14.7	36.6	42.6	24.6	36.6	36.0	40.7	36.2	34.1	1961
1962	36.2	39.7	69.4	61.1	36.3	26.6	22.6	19.3	21.4	23.0	20.2	14.2	31.0	1962
1963	30.6	34.6	46.0	30.6	8.96	13.1	14.6	16.1	26.3	26.6	23.0	26.1	24.6	1963
1964	20.2	19.6	36.6	49.0	21.6	22.1	19.3	12.0	26.6	31.2	36.4	39.4	27.6	1964
1965	36.7	36.0	33.3	46.9	11.6	11.0	11.7	24.2	66.4	46.2	66.7	61.4	36.6	1965
1966	66.3	64.6	42.2	33.6	43.3	60.7	21.2	20.1	26.2	36.4	60.4	70.7	43.3	1966
1967	46.1	61.6	62.2	63.6	73.6	66.1	31.6	26.6	26.6	27.6	36.6	62.1	61.6	1967
1968	44.6	36.0	41.4	21.6	16.3	36.1	31.4	26.0	26.2	30.4	32.2	34.6	31.3	1968
1969	34.3	33.6	66.0	62.2	32.6	46.6	37.2	23.2	21.3	34.3	66.4	40.4	39.7	1969
1970	36.1	36.3	64.7	46.6	39.3	107	47.7	33.6	36.2	36.2	36.6	33.7	46.0	1970
1971	36.6	36.3	60.0	66.6	40.7	46.3	22.0	13.6	16.6	12.1	17.6	32.6	33.6	1971
1972	26.6	36.6	42.1	67.4	69.2	23.2	23.0	36.2	62.6	34.7	31.6	26.7	40.4	1972
1973	31.6	33.4	71.6	36.6	61.6	46.4	33.6	27.1	22.6	26.0	37.6	44.2	41.3	1973
1974	42.0	36.3	47.6	66.6	64.1	66.0	26.1	11.6	14.3	30.4	61.6	37.3	36.3	1974
1975	36.6	36.0	37.6	62.6	30.1	46.6	23.6	10.6	10.4	10.3	22.7	26.0	26.6	1975
1976	27.3	36.7	62.6	67.6	61.6	36.3	16.3	10.2	13.3	26.1	17.6	26.4	34.1	1976
1977	23.3	20.6	66.3	46.6	41.6	8.12	17.6	16.6	32.6	42.6	46.6	46.6	34.3	1977
1978	36.6	36.6	46.6	46.6	22.2	30.7	12.6	14.1	20.3	67.1	46.6	36.3	34.0	1978
1979	36.4	36.6	63.3	62.6	166	60.4	30.2	20.4	16.6	27.3	46.6	62.6	61.6	1979
1980	46.6	60.6	46.6	66.1	74.1	26.4	21.3	16.6	17.4	27.7	36.1	41.0	36.7	1980
1981	41.0	61.2	63.0	61.3	37.6	33.6	30.6	7.86	16.0	41.2	33.7	33.7	36.1	1981
1982	37.6	46.1	47.0	66.2	13.0	6.46	12.6	10.6	16.6	61.6	44.1	66.7	36.0	1982
1983	66.7	46.3	46.4	36.2	61.7	73.6	13.6	13.0	10.0	17.6	26.1	36.0	36.4	1983
1984	46.3	62.2	64.6	31.6	12.0	61.0	43.7	16.6	21.6	30.6	47.3	61.3	46.1	1984
1985	46.3	62.3	67.6	66.7	77.3	27.6	21.4	16.6	13.6	20.6	46.1	61.0	62.6	1985
1986	21.6	20.6	46.1	42.0	26.7	36.4	16.6	13.6	13.7	22.6	63.6	46.4	30.6	1986
1987	36.7	21.6	46.2	26.1	6.61	6.96	4.11	3.96	4.84	6.11	16.6	42.6	16.6	1987
1988	36.4	26.6	37.1	63.0	66.3	36.6	6.21	12.7	16.3	33.4	100	66.2	46.6	1988
MEAN	37.3	36.9	50.2	63.4	46.6	37.2	26.2	16.6	23.3	32.7	46.1	46.6	37.0	MEAN

LOCATION - LAT 46 20 40 N DRAINAGE AREA, 3 130 km^2
LONG 80 50 24 W REGULATED

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1952	---		---		---		---	1952
1953	---		185	ON MAR 24	22.1	ON AUG 23	1 150 000	1953
1954	---		229	ON OCT 16	20.3	ON MAY 26	1 490 000	1954
1955	---		127	ON APR 5	11.4	ON SEP 7	953 000	1955
1956	---		118	ON APR 6	11.5	ON JUN 28	1 000 000	1956
1957	---		244	ON JUL 6	13.3	ON JUN 22	1 220 000	1957
1958	---		82.8	ON MAR 31	10.0	ON JUN 21	745 000	1958
1959	---		113	ON APR 16	10.6	ON AUG 6	1 080 000	1959
1960	---		284	ON MAY 10	21.8	ON JUL 15	1 710 000	1960
1961	---		144	ON JUN 27	9.86	ON JUN 1	1 080 000	1961
1962	---		124	ON MAR 31	11.5	ON NOV 27	978 000	1962
1963	---		142	ON MAR 31	3.84	ON JUN 6	761 000	1963
1964	---		149	ON APR 14	9.00	ON AUG 22	881 000	1964
1965	---		108	ON APR 14	7.22	ON MAY 10	1 180 000	1965
1966	---		116	ON DEC 10	18.4	ON AUG 5	1 270 000	1966
1967	---		242	ON APR 2	8.61	ON OCT 19	1 640 000	1967
1968	---		84.6	ON MAR 20	8.71	ON OCT 10	988 000	1968
1969	---		105	ON NOV 21	7.82	ON SEP 9	1 280 000	1969
1970	267	AT 06:45 EST ON JUN 4	246	ON JUN 4	10.2	ON APR 30	1 450 000	1970
1971	148	AT 01:50 EST ON APR 17	138	ON APR 18	7.78	ON SEP 18	1 060 000	1971
1972	172	AT 02:58 EST ON APR 21	168	ON APR 21	8.86	ON JUN 2	1 280 000	1972
1973	---		148 B	ON MAR 12	13.1 E	ON AUG 21	1 300 000	1973
1974	180	AT 08:54 EST ON APR 15	145	ON APR 15	3.80	ON AUG 2	1 240 000	1974
1975	183	AT 00:55 EST ON APR 20	146	ON APR 20	1.74	ON OCT 13	843 000	1975
1976	129	AT 20:23 EST ON MAR 31	120	ON APR 1	4.47	ON AUG 28	1 060 000	1976
1977	146	AT 02:57 EST ON MAR 30	145	ON MAR 30	6.87	ON JUN 16	1 080 000	1977
1978	88.6	AT 03:32 EST ON APR 20	88.5	ON APR 20	7.26	ON MAY 6	1 070 000	1978
1979	326 A	ON MAY 1 *	311 A	ON MAY 1 *	12.2	ON AUG 21	1 640 000	1979
1980	178	AT 19:38 EST ON APR 8	164	ON APR 9	7.84	ON SEP 10	1 280 000	1980
1981	116	AT 08:45 EST ON FEB 24	113	ON FEB 24	4.55	ON AUG 2	1 140 000	1981
1982	119	AT 03:40 EST ON APR 16	116	ON APR 14	2.36	ON MAY 23	1 100 000	1982
1983	136	AT 16:33 EST ON MAY 8	124	ON MAY 8	7.60	ON SEP 15	1 240 000	1983
1984	117	AT 14:37 EST ON JUN 14	113	ON JUN 14	8.90	ON MAY 21	1 270 000	1984
1985	182	AT 05:37 EST ON APR 23	155	ON APR 23	8.30	ON JUN 1	1 380 000	1985
1986	154	AT 06:56 EST ON MAR 31	151	ON MAR 31	10.6	ON JUL 23	989 000	1986
1987	105	AT 00:33 EST ON MAR 31	100	ON MAR 30	2.54	ON JUN 23	862 000	1987
1988	---		141	ON APR 6	1.71	ON JUL 20 *	1 410 000	1988
							1 170 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WANAPITEI RIVER OUTLET WANAPITEI LAKE - STATION NO. 02DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	27.7	24.3	25.2	22.1	21.4	24.0	---	1939
1940	29.1	31.4	28.1	17.6	6.34	17.4	30.0	18.7	25.5	17.6	21.4	34.0	23.2	1940
1941	33.8	44.4	43.0	31.8	45.8	28.9	50.2	30.7	22.6	50.2	71.8	46.8	42.6	1941
1942	42.6	42.8	28.7	37.6	64.7	29.6	29.1	24.2	31.3	28.8	19.1	24.8	33.6	1942
1943	25.6	21.3	20.2	17.9	16.3	72.7	33.8	25.7	22.2	26.9	36.1	31.7	26.6	1943
1944	29.9	29.8	26.2	14.4	15.0	30.2	26.2	26.7	26.2	23.3	27.7	31.9	25.8	1944
1945	31.6	28.1	15.0	15.6	15.6	88.0	29.5	31.6	27.6	17.5	27.6	28.9	28.3	1945
1946	25.9	34.2	40.1	22.6	30.7	36.9	29.6	30.7	33.3	35.1	28.4	21.6	31.4	1946
1947	25.4	37.8	28.4	15.2	95.2	133	33.6	32.2	30.7	35.2	26.4	30.3	41.6	1947
1948	26.6	21.7	26.2	9.60	15.6	21.6	19.7	21.4	26.4	23.7	11.6	21.6	20.4	1948
1949	26.9	27.6	29.3	8.69	16.0	60.7	29.9	30.3	30.2	34.4	33.1	28.1	28.9	1949
1950	24.2	29.3	31.3	16.7	8.12	8.87	10.8	13.0	25.4	25.6	25.6	28.1	20.8	1950
1951	35.6	34.0	38.6	15.6	44.4	33.1	29.1	17.3	23.2	52.6	46.6	41.1	34.3	1951
1952	46.6	46.6	54.6	38.3	23.6	30.4	---	---	---	26.2	21.2	26.1	---	1952
1953	42.6	46.6	42.6	30.6	31.1	36.3	26.6	25.2	27.6	27.7	27.6	25.6	32.6	1953
1954	31.2	27.6	40.6	28.6	18.3	58.0	31.0	24.3	33.4	60.0	46.6	46.2	37.6	1954
1955	44.0	46.2	53.6	33.4	17.1	16.6	14.1	12.1	9.83	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	27.8	35.0	33.3	---	1956
1957	34.6	34.8	40.3	24.3	19.3	18.1	61.4	20.6	26.6	---	---	---	---	1957
MEAN	33.7	34.4	34.7	22.4	28.0	40.0	31.4	24.8	26.6	32.3	30.5	31.0	30.7	MEAN

LOCATION - LAT 46 39 51 N
LONG 80 40 24 W
DRAINAGE AREA, 2 640 km^2
REGULATED

WAHAPITEI RIVER OUTLET WAHAPITEI LAKE - STATION NO. 02DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	---	---	---	1939
1940	---	74.6 ON JUL 3	3.06 ON JUN 13	733 000	1940
1941	---	103 ON JUL 20	2.38 ON APR 15 *	1 340 000	1941
1942	---	82.1 ON MAY 18	5.65 ON NOV 30	1 080 000	1942
1943	---	131 ON JUN 18	0.00 ON MAY 8	808 000	1943
1944	---	84.7 ON JUN 18	2.83 ON APR 14	818 000	1944
1945	---	135 ON JUN 3	5.15 ON MAR 28	893 000	1945
1946	---	66.4 ON MAY 31	12.6 ON DEC 12	981 000	1946
1947	---	180 ON JUN 21	3.11 ON APR 13	1 320 000	1947
1948	---	34.3 ON JUN 18	3.68 ON APR 9	844 000	1948
1949	---	104 ON JUN 28	3.72 ON APR 22	910 000	1949
1950	---	39.6 ON MAR 6	3.11 ON APR 20	859 000	1950
1951	---	101 ON OCT 30	5.10 ON APR 9	1 080 000	1951
1952	---	---	---	---	1952
1953	---	82.7E ON MAR 8	21.4 E ON MAY 8	1 030 000	1953
1954	---	108 E ON OCT 24	10.8 E ON MAY 12	1 190 000	1954
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	183 E ON JUL 5 *	11.0 E ON JUN 14	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		970 000	MEAN

E - ESTIMATED

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	7.88	2.88	8.69	---	1954
1955	6.15	0	0	0	0	0	0	0	0	0	0	3.88	1.03	1955
1956	10.1	0	0	0.088	0	0	0	0	0	1.83	1.13	11.7	2.10	1956
1957	7.34	0.388	0	0	0	0	0	0	0	0	2.18	7.38	1.48	1957
1958	8.57	5.58	0	0	0	0	0	0	0	0	0.080	4.22	1.80	1958
1959	8.81	7.31	1.88	0	0	0	0	0	0	0	0	7.87	2.18	1959
1960	7.23	1.01	0	0.052	0.883	4.88	5.27	2.81	2.27	8.10	8.13	2.58	2.52	1960
1961	0	0	0.138	0	0	0	0	0	0	1.87	2.43	8.81	1.10	1961
1962	7.77	8.38	2.74	0	0	0	0	2.30	11.3	0.182	4.81	0.735	2.95	1962
1963	0.428	0.428	0.428	0.038	0	0	0	0	3.18	3.20	3.36	0.586	0.886	1963
1964	0.586	0.586	0.586	0.575	0	0	9.18	8.22	5.18	0.678	5.88	0.512	2.88	1964
1965	1.13	5.17	7.42	0.486	0	0	1.83	3.40	2.86	0.448	7.10	8.43	3.17	1965
1966	8.81	3.41	3.72	0	0	0	3.81	2.86	3.23	3.87	4.28	4.86	2.81	1966
1967	4.66	4.85	4.85	1.07	0.055	7.31	1.38	1.33	3.83	2.87	4.02	2.73	3.23	1967
1968	1.88	1.24	3.25	0	0	0.364	3.66	3.47	3.82	1.84	1.48	3.11	1.88	1968
1969	3.08	1.88	8.23	3.08	0	0.158	1.72	1.83	0.882	1.81	0.633	3.18	1.87	1969
1970	5.83	4.21	0.713	0.484	0	0.080	4.45	3.85	5.42	5.82	5.31	5.14	3.83	1970
1971	4.38	5.66	6.33	0.772	0	0	3.84	5.82	5.77	4.43	4.43	4.86	3.83	1971
1972	4.73	5.87	8.48	3.87	0	0	0	1.30	3.60	1.77	1.37	2.86	2.87	1972
1973	1.84	3.08	7.76	0.730	0	0	0.188	3.35	5.33	5.38	0.341	1.86	2.84	1973
1974	0.888	0.888	7.87	2.83	0	4.35	4.85	0.483	3.35	4.18	3.13	1.78	2.71	1974
1975	0.483	0.814	11.1	1.08	0	0.431	1.87	0.785	0.623	1.33	3.17	3.80	2.10	1975
1976	1.74	5.86	10.8	0.878	1.80	1.88	1.80	1.20	3.25	3.73	3.82	1.78	3.03	1976
1977	1.37	3.81	4.31	0	0.287	0.484	4.10	0.150	0.184	1.73	2.80	3.86	1.88	1977
1978	2.88	7.36	8.47	3.78	0	0	0.713	0.784	2.82	1.81	0.383	0.174	2.17	1978
1979	0.278	2.33	7.88	0.404	1.20	1.81	3.83	3.83	0.188	2.30	5.28	8.01	2.74	1979
1980	2.81	4.48	8.82	0.885	0	0.588	1.23	1.87	2.20	1.82	2.41	2.33	2.22	1980
1981	1.83	4.87	8.88	0	0	0.588	2.11	0	0.208	3.48	4.07	2.44	2.32	1981
1982	1.82	4.88	5.24	2.88	0	0	0	0	0	1.87	4.48	2.78	1.88	1982
1983	2.28	4.84	7.41	0	0	0.283	0	0	0	0	0.023	0.448	1.23	1983
1984	0.218	0.121	4.11	0	0	0	0.413	0	0	0	0.843	0	0.488	1984
1985	0	0	8.37	0.087	0	0	1.81	1.88	0.787	3.34	3.08	2.80	1.58	1985
1986	2.81	3.88	10.8	0.187	---	---	0	0.771	0.020	0	---	0	---	1986
1987	0	3.48	0.848	0	0	0	0	0	0	---	---	0	---	1987
1988	0	2.33	---	---	0.084	3.41	---	4.03	1.85	1.78	8.88	3.82	---	1988
MEAN	3.30	3.07	4.88	0.858	0.131	0.788	1.70	1.80	2.08	2.28	3.03	3.84	2.28	MEAN

LOCATION - LAT 48 17 34 N, LONG 80 32 43 W DRAINAGE AREA, 236 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	15.7 ON JAN 7	0 ON JAN 21 *	32 400	1955
1956	---	14.8 ON DEC 1	0E ON FEB 1	56 400	1956
1957	---	13.7 ON NOV 8	0E ON FEB 4	48 000	1957
1958	---	12.2 ON FEB 8	0 ON FEB 17	50 800	1958
1959	---	56.1 ON JAN 7 *	0E ON MAR 10	68 800	1959
1960	---	12.7 ON NOV 12	0 ON FEB 8	111 000	1960
1961	---	10.3 ON DEC 1	0E ON JAN 1	34 700	1961
1962	---	20.7 ON SEP 13	0 ON MAR 30	83 800	1962
1963	---	20.8 ON SEP 14	0 ON A . 3	30 500	1963
1964	---	14.0 ON JUL 4	0 ON APR .5	64 800	1964
1965	---	12.7 ON MAR 11	0 ON APR 15	100 000	1965
1966	---	8.36 ON JAN 1	0 ON MAR 28	91 800	1966
1967	---	16.4 ON JUN 20	0 ON APR 16	102 000	1967
1968	---	5.80 ON DEC 14	0 ON MAR 30	58 800	1968
1969	---	10.3 ON MAR 16	0 ON APR 18	56 800	1969
1970	---	8.48 ON JAN 17	0 ON APR 21	114 000	1970
1971	---	10.3 ON MAR 6	0 ON APR 17	121 000	1971
1972	---	11.0 ON MAR 25	0 ON APR 21	84 300	1972
1973	---	11.8 ON MAR 13	0 ON APR 4	83 300	1973
1974	---	16.6 ON MAR 20	0 ON APR 6	85 400	1974
1975	---	20.5 ON MAR 22	0 ON APR 19	85 200	1975
1976	---	12.8 ON FEB 26	0 ON APR 3	85 800	1976
1977	---	12.7 ON MAR 5	0 ON MAR 18	59 700	1977
1978	---	16.1 ON FEB 16	0 ON APR 27	85 400	1978
1979	---	14.2 ON JUL 5	0 ON APR 3	88 800	1979
1980	---	11.3 ON FEB 29	0 ON APR 10	70 300	1980
1981	---	14.2 ON MAR 4	0 ON MAR 25	73 100	1981
1982	---	11.5 ON FEB 17	0 ON APR 15	61 300	1982
1983	---	16.6 ON MAR 1	0 ON MAR 30	36 800	1983
1984	---	8.46 ON MAR 1	0 ON JAN 1	15 400	1984
1985	---	11.4 ON MAR 2	0 ON JAN 1	50 200	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	---	---	0 ON JAN 1	---	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		71 100	MEAN

WAUSUNG CREEK NEAR DORCHESTER - STATION NO. 02GB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	0.057	0.048	0.031	0.041	0.178	0.643	1.81	---	1965
1966	0.486	1.63	2.13	1.37	0.585	0.337	0.062	0.103	0.069	0.101	1.15	3.02	0.806	1966
1967	1.27	0.712	3.70	2.71	0.827	0.723	0.203	0.321	0.158	1.10	3.02	2.52	1.26	1967
1968	1.22	3.02	5.33	0.778	0.333	0.496	0.175	0.058	0.218	0.551	1.51	1.74	1.26	1968
1969	2.05	1.26	2.77	2.26	1.33	0.327	0.070	0.036	0.037	0.068	0.300	0.286	0.850	1969
1970	0.287	0.488	1.76	2.14	0.483	0.096	0.114	0.060	0.048	0.121	0.870	1.40	0.850	1970
1971	0.474	1.38	3.42	2.31	0.281	0.087	0.024	0.036	0.031	0.048	0.085	0.314	0.701	1971
1972	0.850	0.238	3.84	3.10	0.981	0.232	0.128	0.118	0.054	0.488	1.30	1.06	1.08	1972
1973	1.66	0.826	5.43	1.43	0.784	0.202	0.047	0.044	0.024	0.088	1.05	1.22	1.10	1973
1974	3.62	1.40	3.12	2.07	1.00	0.898	0.307	0.030	0.034	0.068	0.477	0.378	1.17	1974
1975	2.08	2.85	3.84	3.36	0.378	0.358	0.088	0.085	0.241	0.081	0.222	1.20	1.10	1975
1976	0.742	4.87	5.17	1.41	1.36	0.155	0.881	0.781	0.485	0.844	1.08	0.828	1.82	1976
1977	0.244	0.358	6.26	1.66	0.267	0.114	0.073	0.120	0.778	1.17	1.36	2.88	1.26	1977
1978	0.753	0.686	2.16	5.66	0.643	0.174	0.036	0.018	0.078	0.142	0.228	0.481	0.825	1978
1979	0.842	0.298	4.26	3.10	0.586	0.184	0.071	0.056	0.085	0.132	1.34	1.98	1.07	1979
1980	1.08	0.250	2.52	2.32	0.476	0.247	1.08	0.188	0.186	0.387	0.283	0.826	0.831	1980
1981	0.186	5.04	1.10	1.40	0.852	0.448	0.101	0.072	0.[illegible]04	1.38	0.825	0.844	1.00	1981
1982	0.461	0.194	3.71	3.31	0.633	0.886	0.123	0.141	0.[illegible]85	0.176	2.28	3.76	1.32	1982
1983	0.781	1.35	1.06	1.77	2.46	0.818	0.464	1.16	0.[illegible]0	0.207	0.801	2.21	1.11	1983
1984	0.262	5.26	4.03	1.43	0.746	1.85	0.776	0.186	0.816	0.261	0.828	1.85	1.81	1984
1985	1.13	3.25	5.59	2.89	0.324	0.410	0.186	0.263	0.418	1.33	2.78	1.70	1.85	1985
1986	1.48	1.12	4.13	1.12	0.843	0.521	0.236	0.172	1.66	2.22	0.806	1.78	1.33	1986
1987	0.836	0.261	3.17	2.12	0.818	0.438	0.112	0.063	0.036	0.106	0.774	2.44	0.830	1987
1988	0.398	1.19	2.91	1.1[illegible]	0.454	0.059	0.078	0.091	0.141	0.882	2.34	1.29	0.830	1988
MEAN	1.02	1.88	3.63	2.17	0.778	0.405	0.230	0.174	0.274	0.501	1.08	1.89	1.12	MEAN

LOCATION - LAT 42 58 40 N DRAINAGE AREA, 195 km^2
LONG 81 07 00 W NATURAL FLOW

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02EDO20

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	30.3 AT 00:00 EST ON DEC 7	23.7 ON DEC 7	0.035 ON JUL 20	28 800	1966
1967	25.5 AT 08:30 EST ON APR 3	19.4 ON APR 3	0.062 ON SEP 17	43 400	1967
1968	68.5 AT 11:30 EST ON FEB 3	56.6 ON FEB 3 *	0.042 ON AUG 18	42 800	1968
1969	62.48 AT 18:15 EST ON JAN 30	22.6 B ON JAN 30	0.036 ON OCT 13	30 000	1969
1970	18.3 AT 21:44 EST ON APR 3	9.57 ON APR 3	0.036 ON AUG 18	20 500	1970
1971	21.4 AT 08:05 EST ON APR 2	15.3 B ON FEB 26	0.011 ON JUL 20	22 100	1971
1972	---	26.3 B ON MAR 22	0.027 ON SEP 22	34 800	1972
1973	34.6 AT 21:36 EST ON MAR 11	15.3 ON MAR 11	0.020 ON JUL 22	34 700	1973
1974	34.5 AT 08:10 EST ON MAR 5	22.6 ON JAN 27	0.019 ON AUG 22	38 800	1974
1975	61.18 AT 12:15 EST ON FEB 24	27.6 B ON FEB 24	0.019 ON AUG 2	34 500	1975
1976	70.2 AT 23:04 EST ON MAR 5 *	33.8 ON MAR 5	0.081 ON SEP 8	47 900	1976
1977	48.2 AT 09:21 EST ON MAR 13	32.8 ON MAR 13	0.034 ON JUL 31	40 500	1977
1978	38.4 AT 22:44 EST ON APR 1	20.0 ON APR 2	0.008 ON AUG 15	28 100	1978
1979	36.2 AT 08:58 EST ON APR 14	26.5 ON APR 14	0.020 ON JUL 27	33 900	1979
1980	38.7 AT 15:43 EST ON JUL 8	15.5 ON MAR 21	0.053 ON AUG 26	26 000	1980
1981	28.0 AT 20:30 EST ON FEB 23	20.0 B ON FEB 19	0.002 ON JUL 17	21 700	1981
1982	48.4 AT 11:25 EST ON MAR 31	31.8 ON MAR 31	0.013 ON AUG 20	41 600	1982
1983	27.6 AT 00:24 EST ON MAY 3	13.9 ON MAY 3	0.051 ON JUL 28	36 100	1983
1984	58.7 AT 11:01 EST ON FEB 14	51.6 ON FEB 14	0.027 ON AUG 26	47 800	1984
1985	48.4 AT 22:00 EST ON FEB 24	23.1 B ON FEB 24	0.039 ON AUG 5	52 100	1985
1986	---	22.0 E ON MAR 19	0.054 ON SEP 7	41 900	1986
1987	31.8 AT 06:09 EST ON MAY 31	16.5 ON MAR 5	0.011 ON AUG 1	28 000	1987
1988	---	14.0 B ON MAR 9	0 A ON JUL 7 *	39 100	1988
				35 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEBBER DRAIN AT HWY #59 (PITTOCK CONTROL) - STATION NO. 02EDO24

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.000	---	1988
MEAN	---	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.000	---	MEAN

LOCATION - LAT 43 15 23 N LONG 80 49 24 W
DRAINAGE AREA, 3.72 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	170	162	178	342	251	241	252	234	235	241	240	230	223	1984
1985	180	185	180	226	244	228	210	198	208	198	211	203	202	1985
1986	230	214	215	230	188	191	180	214	226	228	226	218	210	1986
1987	213	178	185	228	227	216	220	207	230	227	231	220	216	1987
1988	227	224	210	214	239	237	237	211	211	203	206	211	219	1988
MEAN	204	188	192	228	228	222	214	212	222	220	223	216	214	MEAN

REGULATED

DATA CONTRIBUTED BY - ST. LAWRENCE SEAWAY AUTHORITY

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	282 ON NOV 22	120 ON MAR 21	7 080 000	1984
1985	---	271 ON APR 26	114 ON FEB 24	6 356 000	1985
1986	---	248 ON SEP 26	96.0 ON MAY 31	6 520 000	1986
1987	---	251 ON APR 14	95.7 ON AUG 6 *	6 610 000	1987
1988	---	276 ON JAN 7 *	133 ON AUG 4	6 830 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 760 000	MEAN

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	0.880	0.005	0.018	0.012	0.035	2.25	---	1957
1958	0.135	0.722	7.43	1.37	0.072	0.014	0.004	0	0.001	0.003	0.117	0.118	0.638	1958
1959	3.27	3.47	18.8	7.38	0.395	0.101	0	0	0	0.208	1.02	2.84	3.14	1959
1960	2.21	2.98	2.04	13.3	3.81	0.268	0.023	0.048	0.001	0	0.018	0.008	2.04	1960
1961	0.003	3.87	1.33	5.04	0.700	0.073	0.022	0.414	0.181	0.004	0.107	0.318	0.884	1961
1962	1.10	0.320	8.44	0.847	---	---	---	---	---	5.00	5.23	2.88	---	1962
1963	0.042	0.021	11.1	2.48	0.852	0.373	0.001	0.178	0.005	0	0.018	0.038	1.27	1963
1964	1.51	0.141	8.83	3.81	0.828	0.008	0.137	1.24	0.082	0.010	0.018	0.988	1.48	1964
1965	2.13	7.20	4.20	7.50	0.208	0.005	0.004	0.008	0.023	0.306	1.87	3.54	3.21	1965
1966	1.11	4.62	8.02	2.38	0.718	0.068	0.001	0	0	0	0.012	3.70	1.70	1966
1967	2.41	1.70	5.68	3.88	2.83	0.088	0.012	0.001	0.003	0.151	0.732	3.62	1.78	1967
1968	1.08	5.61	5.45	0.885	0.401	2.67	0.180	0.008	0.402	0.083	5.35	2.60	2.14	1968
1969	5.36	3.46	3.28	7.62	3.77	0.240	0.027	0.040	0	0	0.158	1.21	2.08	1969
1970	0.155	2.07	5.48	3.83	0.263	0.030	0.106	0.027	0.083	0.251	3.85	4.56	1.55	1970
1971	0.585	4.01	8.57	1.84	0.114	0.265	0.002	0	0	0.008	0.008	1.36	1.38	1971
1972	3.50	0.082	14.1	7.22	1.88	0.364	0.153	1.13	0.107	0.440	3.77	8.68	3.48	1972
1973	4.61	2.22	11.1	3.12	0.811	0.186	0.136	0.133	0.182	0.438	8.31	6.83	3.05	1973
1974	8.13	5.85	5.84	3.83	8.23	0.744	0.083	0.073	0.181	0.241	0.867	1.88	2.77	1974
1975	2.85	4.82	8.06	1.73	0.383	0.787	0.038	0.238	1.60	0.755	1.81	3.78	2.00	1975
1976	2.98	12.2	8.48	5.89	4.18	0.208	0.328	0.228	0.081	0.264	0.483	0.473	3.06	1976
1977	0.152	0.784	8.75	2.48	0.081	0.178	0.867	0.483	7.71	3.86	1.73	12.8	3.29	1977
1978	1.92	1.88	10.6	5.87	0.586	0.131	0.438	0.512	0.883	2.85	0.784	2.37	2.36	1978
1979	4.38	2.14	7.11	8.26	0.824	0.068	0.084	0.081	0.348	0.883	2.26	6.18	2.87	1979
1980	0.686	0.535	5.41	8.40	0.886	0.262	0.381	0.307	0.876	1.32	0.831	1.98	1.83	1980
1981	0.076	11.6	0.872	1.16	0.730	0.875	0.848	1.84	4.10	3.22	2.34	2.81	2.48	1981
1982	3.47	0.135	12.0	5.72	0.211	2.08	0.068	0.145	0.811	0.832	5.51	4.27	3.26	1982
1983	1.88	3.83	4.41	4.43	3.88	0.804	0.808	1.88	0.822	0.808	3.48	6.78	2.78	1983
1984	0.832	8.40	8.05	8.26	2.12	4.88	0.133	0.088	1.88	0.843	1.80	4.36	3.83	1984
1985	1.87	5.83	8.80	4.06	0.122	0.118	0.048	0.318	0.180	1.80	13.7	3.72	3.41	1985
1986	1.26	0.821	10.0	3.83	2.45	0.428	0.701	0.308	1.21	2.78	3.87	6.24	2.85	1986
1987	2.11	0.374	4.13	7.37	0.181	0.128	0.848	1.18	0.801	1.01	3.11	8.20	2.20	1987
1988	1.38	4.08	2.38	1.11	0.308	0.022	1.01	0.314	0.334	1.04	5.31	1.35	1.37	1988
MEAN	2.04	3.48	7.38	4.89	1.33	0.538	0.238	0.382	0.718	0.818	3.27	3.88	2.28	MEAN

LOCATION - LAT 43 01 30 N DRAINAGE AREA, 230 km²
LONG 79 37 00 W REGULATED

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	29.7 ON MAR 2	0 ON JUL 18 *	28 400	1958
1959	---	98.3E ON MAR 21 *	0 ON JUN 19	98 900	1959
1960	---	78.0B ON APR 1	0 B ON MAR 8	84 400	1960
1961	---	46.8 ON FEB 28	0 B ON JAN 21	31 100	1961
1962	---	51.5E ON NOV 11	---	---	1962
1963	---	46.3B ON MAR 18	0 ON JUL 7	40 100	1963
1964	---	31.4 ON MAR 15	0 ON JUN 23	46 000	1964
1965	---	58.8B ON FEB 11	0 ON JUN 28	88 500	1965
1966	---	33.4B ON FEB 12	0 ON JUL 8	53 500	1966
1967	---	33.4 ON DEC 22	0 ON JUN 28	55 800	1967
1968	---	45.3B ON FEB 3	0 B ON JAN 15	87 800	1968
1969	88.4 AT 17:00 EST ON JAN 31	52.7 ON JAN 31	0 ON AUG 16	85 800	1969
1970	29.4 AT 18:48 EST ON DEC 4	24.5 ON APR 3	0.0088 ON JAN 28	48 900	1970
1971	---	48.1B ON FEB 28	0 ON JUL 15	43 600	1971
1972	31.1 AT 01:05 EST ON DEC 7	27.1 ON APR 17	0.023B ON FEB 13	110 000	1972
1973	53.2 AT 10:31 EST ON DEC 26	51.0 ON DEC 26	0.083 ON JUN 21	86 300	1973
1974	44.2 AT 06:52 EST ON FEB 23	41.6 ON FEB 23	0.027 ON JUL 17	87 500	1974
1975	---	35.4B ON FEB 25	0.014 ON JUL 7	63 200	1975
1976	87.4 AT 02:30 EST ON MAR 8	61.7 ON MAR 8	0.022 ON JUN 14	87 400	1976
1977	47.9 AT 08:02 EST ON DEC 16	47.0 ON DEC 16	0.011 ON MAY 30	104 000	1977
1978	---	48.1B ON MAR 22	0.031 ON JUN 8	74 800	1978
1979	53.6 AT 01:48 EST ON DEC 26	49.3 ON DEC 26	0.038 ON JUL 24	84 300	1979
1980	48.8 AT 00:33 EST ON MAR 22	43.6 ON MAR 22	0.018 ON JUL 21	51 400	1980
1981	36.8 AT 23:30 EST ON FEB 17	33.0B ON FEB 16	0.020 ON JUL 16	77 800	1981
1982	62.8 AT 00:16 EST ON DEC 26	40.0B ON MAR 15	0.034 ON MAY 22	103 000	1982
1983	38.4 AT 05:15 EST ON DEC 13	26.5 ON DEC 13	0.087 ON JUL 14	87 800	1983
1984	74.4 AT 14:30 EST ON FEB 14	73.8A ON FEB 14	0.071 ON AUG 21	116 000	1984
1985	---	50.8B ON FEB 25	0.001 ON AUG 3	107 000	1985
1986	47.7 AT 03:44 EST ON MAR 12	44.1 ON MAR 11	0.041 ON AUG 26	88 800	1986
1987	62.7 AT 19:44 EST ON APR 6	40.4 ON APR 6	0.078 ON MAY 28	88 400	1987
1988	---	30.0 ON MAR 28	0 ON JUN 17	63 300	1988
				72 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.085	0.073	0.053	0.007	0	0	0	0.002	0.003	0.005	---	1980
1981	0.001	0.044	0.007	0.017	0.003	0.001	0.003	0.045	0.074	0.020	0.014	0.006	0.018	1981
1982	0.008	0.004	0.124	0.038	0.002	0.018	0	0.002	0.004	0.002	0.023	0.050	0.023	1982
1983	0.008	0.022	0.038	0.036	0.028	0.007	0.008	0.012	0.002	0.007	0.020	0.038	0.018	1983
1984	0.004	0.087	0.058	0.071	0.019	0.101	0.002	0.001	0.038	0.002	0.018	0.025	0.035	1984
1985	0.007	0.088	0.108	0.030	0.003	0.004	0.002	0.003	0.001	0.007	0.077	0.023	0.028	1985
1986	0.010	0.007	0.093	0.020	0.019	0.005	0.006	0.008	0.011	0.017	0.022	0.039	0.022	1986
1987	0.012	0.004	0.040	0.081	0.003	---	---	---	---	---	---	---	---	1987
MEAN	0.007	0.037	0.085	0.048	0.018	0.020	0.003	0.010	0.018	0.008	0.025	0.027	0.025	MEAN

LOCATION - LAT 43 10 14 N DRAINAGE AREA, 2.08 km²
LONG 79 56 51 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 18 1987

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	0.788 AT 14:30 EST ON MAR 21	0.422 ON MAR 21	0 ON JUN 14 *	---	1980
1981	8.01 AT 18:00 EST ON AUG 13	0.783 ON AUG 13	0 ON MAY 22	813	1981
1982	2.67 AT 15:21 EST ON MAR 13	0.672 ON MAR 13	0 ON JAN 13	725	1982
1983	0.889 AT 14:09 EST ON DEC 6	0.380 ON DEC 6	0 B ON JAN 17	583	1983
1984	7.67 AT 18:39 EST ON JUN 18 *	2.18 ON JUN 18 *	0 ON JUL 21	1 100	1984
1985	1.54 AT 16:01 EST ON FEB 24	1.08 ON FEB 24	0 ON JUN 15	817	1985
1986	1.24 AT 02:03 EST ON MAR 11	0.802 ON MAR 11	0.001 ON JUN 28	881	1986
1987	---	0.944 ON APR 6	---	---	1987
				776	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.368	0.317	6.98	3.07	0.591	0.178	0.080	0.612	1.88	1.07	1.89	3.18	1.88	1978
1980	0.810	0.085	3.57	2.84	0.780	0.131	0.084	0.102	1.18	1.18	1.58	3.03	1.18	1980
1981	0.187	7.88	1.16	1.51	1.22	2.13	0.287	1.88	1.04	1.88	2.06	0.471	1.78	1981
1982	0.368	0.182	3.58	5.34	0.636	0.316	0.058	0.180	0.122	0.198	1.17	2.74	1.22	1982
1983	1.28	1.87	4.14	3.64	2.64	0.336	0.088	0.021	0.038	0.188	2.27	3.18	1.81	1983
1984	---	---	---	5.73	1.30	---	---	---	---	---	---	---	---	1984
1985	---	---	---	3.70	0.323	---	---	---	---	---	---	---	---	1985
1986	---	---	---	1.87	1.38	---	---	---	---	---	---	---	---	1986
1987	---	---	---	1.82	0.388	0.713	0.861	---	---	---	---	---	---	1987
1988	---	---	---	2.10	0.548	---	---	---	---	---	---	---	---	1988
MEAN	0.581	2.04	3.87	3.04	0.843	0.817	0.259	0.488	0.886	0.887	1.80	2.32	1.48	MEAN

LOCATION - LAT 45 22 33 N DRAINAGE AREA, 98.5 km²
LONG 74 58 51 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (MAR-JUN) EFFECTIVE 1984.

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	35.08 ON MAR 28	0.011 ON JUL 28	53 100	1978
1980	---	27.38 ON MAR 22	0.028 ON JUL 14	37 300	1980
1981	---	35.68 ON FEB 21	0.034 ON AUG 3	55 000	1981
1982	---	42.08 ON APR 1 *	0.003 ON AUG 23	35 500	1982
1983	21.3 AT 03:51 EST ON MAY 3	18.08 ON MAR 19	0.001 ON SEP 2 *	50 000	1983
1984	31.4 AT 30:47 EST ON APR 5 *	24.5 ON APR 5	---	---	1984
1985	---	21.68 ON MAR 13	---	---	1985
1986	---	---	---	---	1986
1987	---	35.08 ON MAR 28	---	---	1987
1988	---	---	---	---	1988
				47 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC036

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	1.02	0.848	0.412	0.452	0.282	0.301	0.347	0.432	0.380	---	1974
1975	0.484	0.870	0.927	1.03	0.483	0.312	0.218	0.238	0.253	0.301	0.384	0.411	0.498	1975
1976	0.388	0.782	1.67	0.834	0.850	0.341	0.473	0.323	0.352	0.382	0.357	0.282	0.582	1976
1977	0.228	0.351	1.52	0.673	0.318	0.283	0.318	0.334	0.618	0.706	0.845	0.813	0.594	1977
1978	1.04	0.235	0.780	2.32	0.858	0.345	0.261	0.350	0.418	0.480	0.485	0.438	0.678	1978
1979	0.505	0.321	2.45	1.23	0.558	0.340	0.288	0.324	0.322	0.491	0.634	0.894	0.701	1979
1980	0.677	0.265	1.82	1.38	0.474	0.400	0.440	0.303	0.383	0.514	0.485	0.675	0.853	1980
1981	0.281	1.68	0.638	0.549	0.510	0.385	0.288	0.594	0.682	0.805	0.728	0.456	0.830	1981
1982	0.380	0.277	1.73	1.45	0.389	0.888	0.428	0.315	0.368	0.418	0.880	0.843	0.887	1982
1983	0.550	1.03	0.811	1.06	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	0.290	0.288	0.263	0.317	0.380	0.444	0.436	---	1984
MEAN	0.502	0.883	1.40	1.15	0.589	0.378	0.343	0.332	0.389	0.462	0.573	0.581	0.626	MEAN

LOCATION - LAT 43 54 54 N LONG 79 10 47 W
DRAINAGE AREA, 52.0 km²
REGULATED

REMARKS - STATION DISCONTINUED APR 22 1983 TO MAY 12, 1988

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC036

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	5.810 ON FEB 24	0.144 ON AUG 21	15 800	1975
1976	11.8 AT 03:43 EST ON MAR 21	5.61 ON MAR 21	0.1618 ON DEC 13	18 400	1976
1977	12.0 AT 08:37 EST ON MAR 13	5.01 ON MAR 13	0.158 ON JUL 24	16 700	1977
1978	11.6 AT 18:27 EST ON MAY 14	5.61 ON APR 7	0.2078 ON MAR 13	21 300	1978
1979	11.2 AT 08:00 EST ON MAR 14	5.03 ON MAR 14	0.211 ON JUL 24	22 100	1979
1980	24.3 AT 13:37 EST ON MAR 21 *	17.2 ON MAR 21 *	0.1158 ON MAR 15 *	20 800	1980
1981	7.87 AT 23:58 EST ON AUG 4	5.378 ON FEB 21	0.217 ON JUL 16	18 000	1981
1982	17.2 AT 16:35 EST ON MAR 31	9.72 ON MAR 31	0.238 ON AUG 16	21 700	1982
1983	---	7.308 ON FEB 3	---	---	1983
1984	---	---	0.2105 ON JUL 8	---	1984
				19 600	MEAN

S - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.382	0.436	0.378	---	1983
1984	0.586	0.482	1.16	0.995	0.498	0.347	0.842	0.801	0.248	0.324	0.419	0.786	0.686	1984
1985	0.416	2.16	1.46	3.07	0.521	0.183	0.370	0.288	0.280	0.683	1.57	1.16	1.00	1985
1986	0.504	0.784	1.71	1.02	0.761	0.498	0.138	0.210	0.278	0.280	0.786	1.08	0.656	1986
1987	0.874	0.182	3.20	1.83	0.812	0.874	0.854	0.833	0.587	1.14	1.86	1.86	1.15	1987
1988	0.986	1.17	4.84	1.24	0.788	---	---	---	---	---	---	---	---	1988
1970	0.410	0.436	1.42	2.34	0.882	0.388	0.934	0.326	0.413	0.482	0.889	0.805	0.784	1970
1971	0.423	0.787	1.84	4.38	0.851	0.260	0.308	0.423	0.587	0.858	0.818	1.32	0.892	1971
1972	0.884	0.826	2.05	7.84	0.980	0.306	0.400	0.378	0.384	0.870	0.861	0.721	1.28	1972
1973	1.13	0.884	5.06	2.11	0.881	0.633	0.343	0.803	0.348	0.813	1.08	0.811	1.16	1973
1974	0.824	0.870	2.22	1.88	2.03	0.712	0.788	0.388	0.444	0.811	0.761	0.888	1.00	1974
1975	0.851	1.84	1.75	2.04	0.818	0.802	0.336	0.388	0.388	0.448	0.886	0.787	0.884	1975
1976	0.845	1.76	4.01	1.81	1.06	0.883	0.848	0.882	0.884	0.841	0.886	0.481	1.12	1976
1977	0.378	0.473	2.78	1.27	0.880	0.410	0.888	0.526	1.84	1.61	2.04	1.88	1.17	1977
1978	2.31	0.881	2.21	4.18	1.84	0.844	0.253	0.834	0.888	0.898	0.717	0.859	1.28	1978
1979	0.718	0.818	5.08	1.88	0.822	0.823	0.443	0.820	0.482	0.812	1.18	1.73	1.28	1979
1980	0.969	0.386	3.48	3.06	0.875	0.518	0.881	0.418	0.538	0.810	0.733	1.18	1.13	1980
1981	0.411	4.04	0.810	0.882	0.884	0.380	0.480	1.26	1.08	1.80	1.24	0.782	1.18	1981
1982	0.848	0.487	3.82	3.27	0.727	1.37	0.888	0.808	0.828	0.767	1.83	2.00	1.43	1982
1983	0.988	1.88	1.73	2.10	1.78	0.578	0.410	0.820	0.813	0.728	1.33	1.08	1.13	1983
1984	0.877	3.77	3.07	2.48	1.48	0.838	0.808	0.383	0.884	0.887	1.21	1.31	1.38	1984
1985	0.878	2.30	3.81	2.94	0.738	0.701	0.483	0.810	0.473	0.871	2.24	1.01	1.38	1985
1986	1.31	0.886	3.87	1.86	0.843	0.888	0.838	1.81	3.88	1.80	0.888	1.08	1.80	1986
1987	0.813	0.883	2.84	1.83	0.783	0.707	0.807	0.882	0.488	0.887	0.888	1.28	1.00	1987
1988	1.11	1.38	3.08	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.812	1.21	2.77	2.44	0.818	0.578	0.531	0.871	0.881	0.724	1.08	1.07	1.11	MEAN

LOCATION - LAT 43 54 08 N LONG 79 11 05 W
DRAINAGE AREA, 88.1 km²
REGULATED

REMARKS - DISCONTINUED APR 15 1988

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	7.96 ON JUL 13	0.178 ON AUG 8	17 800	1984
1985	---	24.1 B ON FEB 10	0.102 ON JUN 14	31 700	1985
1986	---	7.85 ON MAR 5	0.068 ON JUL 15	20 700	1986
1987	---	11.8 B ON MAR 27	0.1228 ON FEB 13	26 200	1987
1988	---	---	---	---	1988
1970	---	5.32 ON APR 20	0.150 ON OCT 11	24 000	1970
1971	---	25.1 ON APR 2	0 ON JUL 12 *	31 300	1971
1972	---	51.3 ON APR 13 *	0.314 ON SEP 18	40 800	1972
1973	---	31.1 ON MAR 11	0.248 ON JUL 23	37 300	1973
1974	---	17.0 B ON MAR 5	0.2688 ON JAN 18	31 500	1974
1975	33.7 AT 21:32 EST ON FEB 24	18.5 ON FEB 24	0.218 ON AUG 21	27 900	1975
1976	28.8 AT 04:55 EST ON MAR 21	20.5 ON MAR 21	0.3858 ON DEC 31	35 300	1976
1977	15.5 AT 12:18 EST ON DEC 1	14.7 B ON MAR 13	0.221 ON JUL 25	26 600	1977
1978	25.6E AT 03:44 EST ON APR 7	19.1 E ON APR 7	0.292 ON JUL 18	40 200	1978
1979	41.4 AT 06:30 EST ON MAR 14	22.8 ON MAR 14	0.306 ON JUL 23	38 500	1979
1980	---	26.8 B ON MAR 21	0.284 ON JUL 15	35 400	1980
1981	---	18.0 B ON FEB 20	0.292 ON JUL 14	38 700	1981
1982	58.8 AT 18:46 EST ON MAR 31 *	29.0 ON MAR 31	0.333 ON SEP 10	45 200	1982
1983	14.2 AT 11:41 EST ON APR 10	11.8 B ON FEB 3	0.2408 ON DEC 7	26 800	1983
1984	---	43.6 E ON FEB 14	0.182 ON AUG 17	43 800	1984
1985	23.4 AT 08:13 EST ON APR 6	16.0 B ON FEB 24	0.211 ON JUL 28	42 800	1985
1986	8 AT 05:00 EST ON AUG 27	22.6 A ON SEP 11	0.235 ON JUL 11	50 300	1986
1987	---	11.8 B ON MAR 8	0.376 ON SEP 4	31 800	1987
1988	---	8.169 ON MAR 24	---	---	1988
				35 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.248	0.182	0.188	0.201	0.275	0.221	---	1974
1975	0.277	0.448	0.448	0.532	0.282	0.188	0.150	0.178	0.152	0.180	0.232	0.227	0.274	1975
1976	0.187	0.337	0.724	0.447	0.352	0.200	0.582	0.188	0.218	0.228	0.224	0.184	0.287	1976
1977	0.128	0.147	0.817	0.327	0.184	0.177	0.185	0.214	0.201	0.311	0.381	0.383	0.282	1977
1978	0.488	0.188	0.305	0.817	0.454	0.178	0.142	0.212	0.288	0.271	0.280	0.218	0.318	1978
1979	0.207	0.131	1.04	0.518	0.330	0.221	0.178	0.208	0.218	0.285	0.328	0.383	0.337	1978
1980	0.270	0.070	0.887	0.842	0.277	0.284	0.270	0.187	0.242	0.300	0.285	0.288	0.314	1980
1981	0.118	1.24	0.330	0.322	0.312	0.235	0.188	0.321	0.284	0.381	0.321	0.321	0.348	1981
1982	0.208	0.178	0.518	0.885	---	---	---	---	---	---	---	---	---	1982
MEAN	0.235	0.342	0.684	0.539	0.313	0.211	0.208	0.210	0.230	0.287	0.288	0.255	0.310	MEAN

LOCATION - LAT 43 57 21 N, LONG 78 11 20 W
DRAINAGE AREA, 31.7 km^2
REGULATED

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	3.988 ON FEB 24	0.071 ON SEP 15	8 630	1975
1976	4.50 AT 03:58 EST ON MAR 21	3.34 ON MAR 21	0.0828 ON DEC 13	8 410	1976
1977	5.13 AT 08:38 EST ON MAR 13 *	3.78 ON MAR 13	0.078 ON JUL 24	8 880	1977
1978	4.38 AT 15:40 EST ON MAY 14	2.67 ON APR 7	0.122 ON JUL 28	8 830	1978
1979	---	2.108 ON MAR 28	0.0888 ON FEB 11	10 600	1979
1980	---	5.288 ON MAR 21 *	0.0808 ON MAR 16 *	8 840	1980
1981	---	4.058 ON FEB 20	0.1078 ON JAN 22	11 000	1981
1982	---	2.83 ON MAR 31	---	---	1982
				8 770	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC106

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	2.20	0.838	0.842	0.444	0.384	0.883	0.747	0.824	---	1974
1975	---	---	---	---	---	0.855	0.408	0.478	0.445	0.827	0.825	1.17	---	1975
1976	1.05	2.58	4.52	1.80	1.57	0.868	0.788	0.708	0.808	0.588	0.726	0.878	1.38	1976
1977	0.384	0.885	5.12	1.84	0.873	0.443	0.811	0.711	1.27	1.38	2.84	---	---	1977
MEAN	0.717	1.84	5.32	1.87	1.48	0.851	0.881	0.586	0.878	0.780	1.18	0.824	1.38	MEAN

LOCATION - LAT 43 51 00 N, LONG 78 05 12 W
DRAINAGE AREA, 136 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC108

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.201 ON SEP 7 *	---	1974
1975	---	---			1975
1976	---		0.269 ON AUG 3	---	1976
1977	---	34.0 ON MAR 21	0.2218 ON DEC 31	42 600	1977
		47.3A ON MAR 13 *	0.268 ON JUL 27	---	
				42 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.172	0.770	1.10	---	1965
1966	0.333	1.26	3.06	0.438	0.218	0.084	0	0	0.005	0.016	0.096	0.802	0.505	1966
1967	0.612	0.227	3.84	2.28	0.230	2.82	1.22	0.080	0.033	0.281	0.627	1.63	1.12	1967
1968	0.116	1.76	5.27	0.514	0.428	0.043	0.015	0.122	0.104	0.101	1.46	0.576	0.677	1968
1969	0.854	0.760	5.76	3.14	1.07	0.058	0.033	0.023	0.001	0.026	0.175	0.078	1.01	1969
1970	0.090	0.135	3.16	2.48	0.388	0.031	0.043	0.018	0.051	0.058	8.223	0.411	0.590	1970
1975	---	---	---	1.56	0.484	0.054	0.006	0.012	0.018	0.058	0.118	0.120	---	1975
1976	0.084	5.10	4.12	1.06	0.617	0.068	0.202	0.182	0.188	0.276	0.114	0.078	1.01	1976
1977	0.084	0.381	2.48	0.411	0.091	0.061	0.207	0.181	0.856	1.76	1.50	2.11	0.826	1977
1978	0.867	0.206	6.88	3.53	0.902	0.158	0.033	0.068	0.051	0.258	1.12	2 13	1.34	1978
1980	0.827	0.102	1.86	3.31	0.842	0.488	0.802	0.077	0.112	0.262	0.203	0.439	0.780	1980
1981	0.119	3.30	0.587	0.820	0.345	0.083	0.170	0.052	0.362	1.32	1.78	0.611	0.776	1981
1982	0.862	0.148	6.22	2.68	0.188	2.23	0.158	0.281	0.275	0.314	2.80	4.02	1.84	1982
1983	1.13	1.83	2.80	2.84	1.26	0.140	0.013	0.058	0.047	0.201	0.802	0.881	0.889	1983
1984	0.138	8.03	5.27	2.63	0.577	0.184	0.042	0.060	0.230	0.110	0.572	1.52	1.42	1984
1985	0.312	3.89	7.54	2.67	0.185	0.084	0.084	0.420	0.287	0.227	3.15	1.08	1.87	1985
1986	0.874	0.455	6.11	0.844	0.626	0.292	0.548	0.887	8.24	1.85	0.860	1.80	1.76	1986
1987	0.518	0.243	3.82	3.06	0.118	0.041	0.133	0.040	0.085	0.141	0.803	2.15	0.885	1987
1988	0.508	0.708	1.93	1.32	0.476	0.021	0.018	0.028	0.051	0.140	0.442	0.178	0.483	1988
MEAN	0.452	1.48	4.26	2.16	0.585	0.388	0.181	0.127	0.478	0.387	0.888	1.08	1.08	MEAN

LOCATION - LAT 43 48 30 N
LONG 79 40 41 W
DRAINAGE AREA, 168 km^2
NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1970 FOR BRIDGE CONSTRUCTION. REACTIVATED MAR 1975.

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	32.8 AT 18:30 EST ON MAR 13	17.08 ON FEB 11	0 ON JUL 2 *	18 800	1966
1967	80.4 AT 20:00 EST ON JUN 10	21.0 ON JUN 10	0.003 ON SEP 17	35 200	1967
1968	40.5 AT 01:00 EST ON NOV 20	20.08 ON FEB 2	0 ON JUL 17	37 700	1968
1969	51.3 AT 00:55 EST ON MAR 21	27.8 ON MAR 21	0 ON JUL 16	31 800	1969
1970	24.8 AT 20:06 EST ON APR 3	11.0 ON APR 4	0 ON AUG 10	18 800	1970
1975	29.7 AT 18:20 EST ON MAR 18	14.0 ON MAR 18	0.002 ON JUL 17	---	1975
1976	28.6 AT 13:08 EST ON MAR 20	22.4 ON FEB 21	0.024 ON AUG 21	31 800	1976
1977	---	17.0E ON MAR 5	0.008 ON JUN 14	28 000	1977
1978	---	29.7E ON APR 1	0.011E ON JUL 15	34 800	1978
1978	32.3 AT 06:56 EST ON APR 14	23.8E ON MAR 15	0.008E ON JUL 20	42 400	1978
1980	40.5 AT 22:55 EST ON APR 14	21.7 ON MAR 21	0.021 ON AUG 8	24 000	1980
1981	26.3 AT 17:00 EST ON FEB 18	21.1 ON FEB 18	0.023 ON AUG 27	24 500	1981
1982	---	28.8E ON MAR 31	0.038 ON JUL 26	58 000	1982
1983	30.3 AT 11:21 EST ON APR 10	15.1 ON APR 10	0 ON JUL 28	31 500	1983
1984	---	38.0E ON FEB 14	0.008 ON AUG 7	48 000	1984
1985	73.0 AT 18:58 EST ON FEB 24	41.5E ON FEB 24	0.003 ON AUG 10	52 500	1985
1986	102 AT 04:16 EST ON SEP 11 *	54.4 ON SEP 11 *	0.014 ON JUL 8	54 800	1986
1987	47.2 AT 08:55 EST ON APR 5	34.2 ON APR 5	0.004 ON JUN 21	30 100	1987
1988	---	18.3 ON APR 4	0 ON JUL 3	18 300	1988
				33 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	1.42	---	1965
1966	0.780	1.24	4.23	0.637	0.318	0.083	0.133	0.073	0.084	0.021	0.086	0.872	0.898	1966
1967	0.720	0.301	4.08	3.30	0.256	3.05	1.85	0.080	0.071	0.340	0.908	2.37	1.43	1967
1968	0.148	2.28	7.75	0.852	0.808	0.081	0.024	0.021	0.236	0.078	1.59	1.30	1.22	1968
1969	1.09	0.780	7.38	4.14	1.52	0.081	0	0	0.010	0.014	0.181	0.066	1.27	1969
1970	0.077	0.148	4.06	3.88	0.444	0.030	0.039	0.018	0.086	0.248	0.278	0.743	0.780	1970
1971	0.214	0.367	3.48	4.84	0.143	0.021	0.068	0.072	0.057	0.183	0.090	0.428	0.840	1971
1972	0.523	0.144	1.46	11.3	0.270	0.214	0.223	0.021	0.034	0.302	0.778	1.17	1.35	1972
1973	2.82	1.80	8.49	2.61	1.04	0.216	0.079	0.068	0.068	0.116	0.836	0.882	1.61	1973
1974	2.88	1.27	5.87	2.85	3.82	0.368	0.103	0.052	0.150	0.035	0.210	0.150	1.48	1974
1975	0.838	4.35	3.41	2.88	0.898	0.020	0.218	0.023	0.038	0.007	0.035	0.122	1.03	1975
1976	0.105	6.03	8.22	1.82	1.31	0.087	0.284	0.214	0.147	0.283	0.324	0.105	1.38	1976
1977	0.082	0.520	5.49	0.824	0.088	0.051	0.272	0.118	0.824	2.58	1.88	3.08	1.33	1977
1978	0.547	0.285	5.89	3.43	1.72	0.096	0.007	0.085	0.512	0.293	0.383	0.445	1.57	1978
1979	0.844	0.350	10.0	4.82	1.12	0.145	0.031	0.054	0.068	0.385	1.74	3.69	1.94	1979
1980	1.11	0.187	4.32	4.28	0.884	0.227	0.550	0.068	0.094	0.282	0.484	0.828	1.08	1980
1981	0.108	7.27	0.806	0.274	0.382	0.068	0.105	0.027	0.280	1.34	1.82	0.491	1.01	1981
1982	0.618	0.126	9.87	3.31	0.026	2.43	0.182	0.203	---	---	---	---	---	1982
MEAN	0.787	1.84	5.45	3.49	0.832	0.426	0.234	0.073	0.191	0.389	0.710	1.08	1.24	MEAN

LOCATION - LAT 43 44 18 N DRAINAGE AREA, 194 km²
LONG 79 37 46 W REGULATED SINCE 1964

WEST HUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	28.9 AT 20:00 EST ON MAR 5	21.9 ON MAR 5	0 ON JUN 25 *	22 000	1966
1967	86.8 AT 23:30 EST ON JUN 10	31.4 ON APR 3	0.006 ON JUN 5	45 100	1967
1968	42.5 AT 07:00 EST ON NOV 29	26.1 ON NOV 29	0.017 ON JUN 24	26 700	1968
1969	37.7 AT 07:30 EST ON MAR 21	23.3 ON MAR 21	0 ON JUN 19	40 100	1969
1970	22.9 AT 01:01 EST ON APR 4	15.7 ON APR 4	0.005 ON JUL 16	24 000	1970
1971	45.2 AT 09:59 EST ON APR 2	26.2 ON APR 2	0.001 ON JUN 23	38 800	1971
1972	84.0 AT 23:59 EST ON APR 11	45.9 ON APR 13	0 ON JUL 27	42 800	1972
1973	86.7 AT 21:50 EST ON MAR 11	30.9 ON MAR 13	0.002 ON NOV 13	47 700	1973
1974	71.9E ON MAY 17 *	52.4E ON MAY 17 *	0.003 ON MAY 3	46 800	1974
1975	58.3 AT 02:43 EST ON FEB 25	48.9 ON FEB 25	0.002 ON OCT 8	32 400	1975
1976	42.9 AT 22:56 EST ON MAR 20	26.8 ON MAR 21	0.002 ON SEP 15	40 800	1976
1977	40.5 AT 06:57 EST ON MAR 13	27.9 ON OCT 8	0.002 ON JUL 28	41 900	1977
1978	86.4 AT 23:37 EST ON APR 1	30.4 ON APR 1	0.002 ON JUL 2	48 400	1978
1979	83.8 AT 10:33 EST ON MAR 14	46.8 ON DEC 26	0 ON JUL 21	61 100	1979
1980	80.1 AT 22:00 EST ON MAR 21	32.4 ON MAR 21	0.004 ON SEP 12	34 800	1980
1981	84.2 AT 00:46 EST ON FEB 18	43.7 ON FEB 18	0 ON APR 10	31 900	1981
1982	---	---	0 ON MAY 8	---	1982
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		39 100	MEAN

E - ESTIMATED

WEST HUMBER RIVER NEAR THISTLETOWN - STATION NO. 02HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	2.43	0.314	1.84	1.81	0.383	0.141	0.185	1.87	---	1956
1957	1.37	2.88	2.60	0.868	0.382	0.847	0.243	0.082	0.059	0.103	0.180	0.828	0.677	1957
1958	0.128	0.825	2.61	0.836	0.088	0.014	0.028	0.014	0.060	0.043	0.087	0.083	0.248	1958
1959	0.143	0.137	0.712	6.13	0.784	0.219	0.106	0.088	0.133	0.137	0.214	0.432	0.888	1959
1960	0.180	0.311	4.68	7.38	5.89	0.352	0.278	0.088	0.012	0.029	0.048	0.078	1.82	1960
1961	0.008	1.48	2.64	2.89	0.811	0.184	0.322	0.077	0.088	0.054	0.088	0.101	0.808	1961
1962	0.087	0.038	5.69	0.536	0.083	0.012	0.087	0.038	0.088	0.276	2.83	1.19	0.886	1962
1963	0.088	0.028	2.48	0.888	0.788	0.148	0.080	0.083	0.044	0.033	0.110	0.042	0.300	1963
1964	0.488	0.080	3.22	1.42	0.401	0.040	0.013	0.017	0.007	0.018	0.030	0.183	0.483	1964
1965	0.278	2.83	2.42	8.11	0.387	0.088	7.078	0.042	0.035	---	---	---	---	1965
MEAN	0.288	1.08	2.87	2.81	1.31	0.230	0.282	0.230	0.080	0.083	0.388	0.805	0.737	MEAN

LOCATION - LAT 43 43 50 N DRAINAGE AREA, 205 km²
LONG 79 33 15 W REGULATED

WEST NUMBER RIVER NEAR THISTLETOWN - STATION NO. 02HC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	27.6 E ON FEB 28	0.038 ON AUG 12	27 700	1957
1958	---	5.69 ON MAR 23	0 ON JUN 16 *	11 000	1958
1959	---	21.0 ON APR 1	0.031 ON OCT 23	18 800	1959
1960	---	63.7 E ON MAR 31 *	0.008E ON SEP 6	51 200	1960
1961	---	11.5 E ON MAR 25	0 B ON JAN 7	21 800	1961
1962	---	35.6 ON NOV 10	0.008 ON AUG 23	28 000	1962
1963	---	11.6 ON MAR 27	0.023 ON SEP 11	12 000	1963
1964	---	12.5 ON MAR 18	0.003 ON SEP 30	18 800	1964
1965	---	59.5 B ON FEB 11	---	---	1965
				23 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 03JD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	14.0	11.7	22.1	32.7	36.6	30.1	16.8	8.92	11.3	8.27	7.12	30.5	18.4	1946
1947	9.78	10.5	16.8	30.3	128	110	35.0	13.6	7.86	11.4	8.04	1.78	30.5	1947
1948	7.83	6.47	8.93	26.6	87.6	30.3	15.9	14.9	17.7	8.46	2.20	11.6	16.5	1948
1949	11.7	13.3	18.1	46.4	78.4	34.2	26.6	8.67	11.6	8.72	6.51	9.60	22.9	1949
1950	8.08	8.38	11.7	17.0	87.1	45.6	22.2	8.36	2.91	12.8	6.40	5.37	20.6	1950
1951	8.59	18.0	17.8	108	87.3	21.1	14.4	8.35	6.80	44.5	43.6	18.3	30.6	1951
1952	4.48	9.09	14.3	36.6	84.8	16.3	3.46	3.26	6.18	10.6	6.36	4.46	13.6	1952
1953	6.37	12.7	33.3	87.1	74.3	22.2	17.0	26.2	8.46	8.85	7.87	8.98	23.3	1953
1954	13.8	14.0	18.1	98.2	78.7	46.1	14.0	8.83	8.84	24.2	26.3	10.8	28.6	1954
1955	8.75	12.4	8.33	36.4	36.8	17.3	11.4	17.7	2.35	0.284	12.6	18.3	15.1	1955
1956	13.6	10.2	18.1	16.8	80.1	32.1	12.6	8.72	8.77	16.5	11.8	4.28	20.2	1956
1957	8.08	4.38	20.9	44.1	52.3	21.2	68.2	16.6	8.11	12.4	16.4	15.0	24.3	1957
1958	14.2	14.0	8.93	12.1	31.0	38.4	14.6	16.1	7.02	10.2	21.4	10.3	16.3	1958
1959	8.69	8.32	18.7	30.3	86.1	17.8	8.84	8.00	1.87	8.48	17.0	13.8	18.7	1959
1960	8.38	13.8	18.6	38.8	198	43.9	18.8	4.62	17.2	7.85	0.812	8.86	30.4	1960
1961	8.07	4.84	8.77	11.7	84.7	47.6	33.8	18.8	26.8	24.0	13.4	20.4	22.8	1961
1962	17.0	14.7	16.8	23.6	118	8.35	0	4.87	17.6	18.8	10.1	8.18	21.2	1962
1963	8.83	8.08	8.04	48.8	81.8	30.7	18.8	8.31	13.8	14.3	0.869	4.84	18.3	1963
1964	8.47	8.82	20.1	48.2	78.0	88.2	18.4	1.73	2.08	7.18	8.33	8.14	21.8	1964
1965	7.82	8.78	11.8	11.8	82.0	18.0	8.39	8.01	12.6	30.7	18.8	18.7	17.8	1965
1966	14.0	18.0	18.4	82.7	82.1	34.8	1.78	0	0	8.88	18.8	32.0	21.2	1966
1967	8.28	8.30	11.2	84.1	121	30.8	1.78	7.48	12.8	8.12	32.8	18.2	26.2	1967
1968	18.4	13.2	21.8	61.7	37.3	40.2	18.1	7.84	8.87	15.7	13.2	7.84	20.0	1968
1969	7.08	14.4	18.8	28.3	87.1	23.7	11.2	8.02	8.06	7.80	33.8	18.8	18.2	1969
1970	12.8	13.2	18.3	18.8	84.8	51.4	30.4	13.2	8.88	14.8	10.8	13.8	22.3	1970
1971	10.3	14.0	18.4	80.2	77.4	28.3	8.03	8.88	4.85	4.82	8.71	18.4	21.3	1971
1972	13.4	14.8	18.8	18.4	72.8	25.4	14.0	18.2	18.2	14.3	11.0	10.4	20.0	1972
1973	8.88	10.2	18.0	32.1	70.7	42.8	22.2	14.8	14.8	17.7	18.8	18.2	24.0	1973
1974	11.3	12.1	18.8	28.1	103	34.8	18.1	10.4	3.26	14.8	14.8	10.7	23.0	1974
1975	10.8	10.4	14.8	18.2	88.2	80.0	7.30	1.78	2.61	4.08	3.74	7.82	18.8	1975
1976	10.7	13.8	18.4	82.7	70.8	18.3	7.83	8.88	7.08	16.7	8.88	8.20	22.1	1976
1977	10.4	8.61	14.8	88.2	43.4	10.8	8.01	3.82	7.48	10.2	13.8	12.2	17.1	1977
1978	11.0	18.2	17.0	17.8	77.3	30.2	11.8	8.01	10.8	17.0	10.8	10.7	18.8	1978
1979	12.0	11.8	18.8	72.7	183	43.3	18.8	8.21	8.14	11.8	30.2	18.8	33.0	1979
1980	7.71	8.88	8.88	27.3	87.4	18.2	8.88	7.18	8.88	18.8	12.8	18.2	18.7	1980
1981	12.8	8.61	14.8	88.7	32.7	33.8	18.7	7.18	7.14	13.8	13.8	13.8	18.8	1981
1982	13.8	12.1	12.4	24.1	46.3	18.2	8.28	8.88	8.84	18.8	17.7	17.1	18.4	1982
1983	14.7	18.8	17.8	18.8	80.8	46.4	12.8	12.8	8.88	18.8	14.8	18.3	23.2	1983
1984	14.8	18.2	17.4	36.2	37.8	36.8	38.7	18.3	8.82	14.8	21.8	21.8	23.3	1984
1985	18.4	14.1	18.8	28.7	88.2	36.3	14.8	8.88	7.83	8.80	18.8	14.8	22.8	1985
1986	15.8	15.8	18.3	41.8	47.1	17.7	7.18	12.8	18.8	22.8	24.8	18.3	20.8	1986
1987	13.1	18.1	18.1	18.2	18.7	12.4	18.8	7.88	3.28	11.8 R	8.87	14.8	13.2R	1987
1988	14.3	12.8	18.8	78.8	73.8	21.3	7.28	8.81	8.81	13.1	41.8	25.8	28.2	1988
MEAN	11.8	11.8	18.8	37.8	71.8	31.8	18.4	8.34	8.18	13.8 R	14.4	13.3	21.3R	MEAN

LOCATION - LAT 48 03 28 N, LONG 80 43 14 W
DRAINAGE AREA, 1 780 km^2 REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 01 1987

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	74.6 ON MAY 31	0 ON NOV 8 *	580 000	1946
1947	---	154 ON MAY 19	0 ON SEP 27	880 000	1947
1948	---	85.0 ON APR 27	0 ON OCT 17	523 000	1948
1949	---	117 ON APR 26	0 ON NOV 25	722 000	1949
1950	---	148 ON MAY 14	0 ON NOV 17	857 000	1950
1951	---	194 ON APR 19	1.25 ON AUG 2	882 000	1951
1952	---	86.1 ON APR 27	0 ON JUL 8	428 000	1952
1953	---	103 ON MAY 8	0 ON SEP 17	734 000	1953
1954	---	144 ON APR 30	0 ON OCT 5	844 000	1954
1955	---	83.6 ON APR 21	0 ON JUL 7	475 000	1955
1956	---	138 ON MAY 20	0 ON SEP 5	840 000	1956
1957	---	173 ON APR 28	0 ON SEP 5	762 000	1957
1958	---	38.5 ON MAY 3	0 ON APR 18	484 000	1958
1959	---	99.1 ON MAY 8	0 ON JUL 10	486 000	1959
1960	---	288 ON MAY 13	0 ON AUG 24	883 000	1960
1961	---	72.6 ON MAY 9	0.793 ON APR 21	721 000	1961
1962	---	197 ON MAY 7	0 ON JUN 27	888 000	1962
1963	---	113 ON MAY 3	0 ON AUG 24	576 000	1963
1964	---	154 ON MAY 3	0.170 ON SEP 17	578 000	1964
1965	---	87.2 ON MAY 3	0 ON SEP 8	554 000	1965
1966	---	167 ON APR 30	0 ON JUL 23	670 000	1966
1967	---	297 ON MAY 5 *	0 ON JUL 5	825 000	1967
1968	---	78.7 ON JUN 15	1.85 ON DEC 5	631 000	1968
1969	---	94.0 ON APR 28	0 ON JAN 17	576 000	1969
1970	---	88.9 ON MAY 20	2.55 ON NOV 19	700 000	1970
1971	---	144 ON MAY 3	1.36 ON SEP 15	670 000	1971
1972	---	137 ON MAY 11	7.14 ON DEC 30	834 000	1972
1973	---	102 ON MAY 5	8.43 ON JAN 23	766 000	1973
1974	---	158 ON MAY 6	0 ON SEP 18	726 000	1974
1975	---	135 ON MAY 11	0 ON JUL 12	539 000	1975
1976	---	199 ON APR 22	0 ON APR 18	732 000	1976
1977	---	176 ON APR 24	0 ON APR 18	536 000	1977
1978	---	128 ON MAY 17	0 ON MAY 24	626 000	1978
1979	---	257 ON MAY 4	1.19 ON SEP 11	1 040 000	1979
1980	---	114 ON APR 30	0 ON APR 18	529 000	1980
1981	---	93.6 ON APR 15	0.200 ON APR 7	615 000	1981
1982	---	90.2 ON MAY 3	3.60 ON AUG 18	530 000	1982
1983	---	112 ON MAY 9	2.60 ON APR 28	731 000	1983
1984	---	83.6 ON APR 28	7.80 ON SEP 24	737 000	1984
1985	---	173 ON MAY 1	0 ON APR 24	721 000	1985
1986	---	81.6 ON APR 28	0.600 ON JUL 12	648 000	1986
1987	---	34.6 ON APR 13	0 ON APR 18	416 000R	1987
1988	---	120 ON MAY 8	0 ON SEP 30	629 000	1988
				671 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	108	54.5	19.1	8.91	5.61	5.37	5.49	12.4	---	1953
1954	8.98	7.98	8.25	26.5	111	39.0	11.6	5.78	4.05	9.43	12.6	9.81	21.4	1954
1955	8.00	7.08	6.77	60.3	48.0	29.5	8.04	3.80	2.81	15.9	22.3	16.2	19.2	1955
1956	11.9	9.21	7.24	22.6	84.0	48.3	26.6	8.88	10.5	16.7	14.6	13.4	22.9	1956
1957	9.92	7.65	7.27	48.7	81.1	33.1	30.4	8.41	13.3	11.5	19.7	19.1	24.3	1957
1958	12.4	8.11	8.50	50.3	44.6	48.2	---	---	---	---	32.6	22.5	---	1958
1959	14.0	9.00	7.65	18.7	102	49.3	13.3	11.7	41.6	54.5	41.2	21.8	32.2	1959
1960	15.3	13.4	9.33	34.6	117	37.5	---	---	---	---	---	---	---	1960
MEAN	11.5	8.92	7.57	37.4	87.0	42.5	18.4	7.80	13.0	18.9	21.4	15.5	24.0	MEAN

LOCATION - LAT 48 40 00 N DRAINAGE AREA, 2 400 km^2
LONG 85 42 00 W REGULATED

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	144 ON MAY 9	4.08 ON NOV 1	---	1953
1954	---	186 ON MAY 4	3.82 ON SEP 4	676 000	1954
1955	---	123 ON APR 22	2.24 ON SEP 15 *	604 000	1955
1956	---	161 ON MAY 17	6.23 ON AUG 30	726 000	1956
1957	---	214 ON APR 28 *	5.24 ON AUG 30	766 000	1957
1958	---	132 ON APR 28	---	---	1958
1959	---	184 ON MAY 9	8.00 ON AUG 17	1 020 000	1959
1960	---	151 ON MAY 7	---	---	1960
				758 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITE RIVER AT REGAN - STATION NO. 02BC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	44.8	28.9	20.3	38.5	180	73.1	52.7	24.0	12.4	52.1	80.3	38.1	53.8	1949
1950	25.7	20.4	18.4	22.7	178	208	102	48.6	11.8	28.8	---	---	---	1950
1951	20.8	17.1	15.8	80.7	241	87.5	82.8	28.1	12.4	65.3	65.3	53.4	63.0	1951
1952	30.5	20.4	15.8	40.1	102	101	39.8	41.1	14.1	20.7	38.0	33.2	41.4	1952
1953	25.8	21.0	---	45.3	208	147	38.1	19.8	28.4	16.8	---	28.4	---	1953
1954	20.4	16.0	15.7	27.6	201	80.6	23.1	26.0	17.3	15.7	47.0	28.4	41.6	1954
1955	16.3	14.4	13.4	68.7	88.8	51.7	56.2	5.18	5.57	---	---	---	---	1955
MEAN	28.8	19.8	16.7	41.7	168	104	57.8	27.3	14.8	34.8	57.9	35.8	50.0	MEAN

LOCATION - LAT 48 42 00 N
LONG 85 38 00 W
REGULATED

WHITE RIVER AT REGAN - STATION NO. 02BC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	223 ON MAY 10	11.5 E ON AUG 20	1 700 000	1949
1950	---	328 ON MAY 28	9.15E ON AUG 27	---	1950
1951	---	362 ON MAY 8 *	9.15RE ON SEP 3	1 990 000	1951
1952	---	183 ON JUN 6	12.6 E ON JUL 15	1 310 000	1952
1953	---	---	---	---	1953
1954	---	249 ON MAY 18	13.5 E ON SEP 28	1 320 000	1954
1955	---	155E ON JUL 11	4.56E ON JUL 28 *	---	1955
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		1 550 000	MEAN

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	92.7	92.6	44.6	---	1959
1960	29.9	22.2	17.2	44.6	238	112	33.4	14.1	1.71	8.86	38.5	29.2	48.3	1960
1961	21.6	14.6	14.2	42.7	188	82.8	58.1	5.36	3.43	120	80.0	81.7	57.1	1961
1962	36.8	25.6	19.3	31.1	135	81.7	28.3	29.4	41.6	45.6	47.1	36.3	46.6	1962
1963	26.6	20.7	16.9	46.9	189	186	58.1	24.9	10.4	20.6	32.5	23.4	50.9	1963
1964	19.6	17.6	16.8	45.1	248	113	64.6	38.9	38.3	85.2	58.7	41.7	66.0	1964
1965	30.1	22.1	18.4	24.9	184	90.1	38.2	28.5	30.3	83.0	52.6	46.0	50.0	1965
1966	32.4	25.3	24.6	45.0	209	152	20.3	27.3	35.2	43.6	60.3	50.5	60.6	1966
1967	34.9	25.2	19.4	66.3	209	98.4	20.6	12.1	17.1	23.4	24.0	18.6	50.1	1967
1968	15.0	12.2	11.1	62.9	74.7	78.2	138	66.6	66.1	80.6	80.4	47.4	63.4	1968
1969	32.7	25.0	19.8	53.6	186	86.1	43.9	17.6	14.9	19.7	20.6	21.1	42.2	1969
1970	17.1	14.0	11.6	14.6	141	76.6	22.6	17.3	28.3	80.6	51.2	47.6	42.2	1970
1971	28.7	21.2	16.6	41.6	151	132	38.7	18.9	11.6	66.1	66.3	72.7	67.1	1971
1972	38.3	26.6	21.0	20.9	178	86.1	37.7	37.0	66.6	62.1	46.6	32.2	62.4	1972
1973	24.0	18.2	22.3	77.3	188	82.7	76.6	40.4	62.0	67.7	42.7	36.4	60.4	1973
1974	28.3	21.6	16.6	26.6	186	107	47.1	27.9	60.0	107	93.1	64.0	64.2	1974
1975	31.2	23.4	19.2	21.4	162	83.2	38.3	17.8	16.6	13.6	24.7	39.0	37.6	1975
1976	26.6	18.7	16.7	120	173	80.0	13.3	6.36	25.2	10.6	6.77	6.07	38.6	1976
1977	6.34	6.70	14.4	87.3	108	46.6	32.3	7.72	66.3	61.6	66.6	36.6	46.7	1977
1978	23.4	16.0	14.2	---	---	---	48.1	31.0	21.6	16.6	26.1	21.4	---	1978
1979	17.6	14.6	16.3	37.6	313	166	49.6	14.6	46.1	73.3	134	66.5	76.6	1979
1980	36.3	24.3	16.6	34.6	161	66.6	32.3	16.2	22.6	66.6	62.6	32.6	46.1	1980
1981	21.7	17.0	16.6	67.3	151	76.0	37.4	14.6	10.6	16.0	26.2	26.6	40.6	1981
1982	24.4	14.6	10.6	16.6	177	71.4	64.4	63.6	26.6	66.4	122	61.7	66.6	1982
1983	46.6	30.4	26.6	32.6	176	117	62.0	13.4	10.6	64.0	60.6	41.6	64.7	1983
1984	27.0	20.2	17.6	46.0	131	106	66.1	42.0	23.4	24.1	40.4	46.6	60.6	1984
1985	33.0	20.6	17.6	40.1	130	61.3	37.3	42.4	24.0	66.4	66.2	47.3	63.6	1985
1986	26.7	21.1	17.1	74.6	161	34.4	22.7	17.6	27.6	43.6	66.1	44.0	46.3	1986
1987	26.2	18.6	16.6	46.6	64.6	30.6	36.6	61.6	30.6	30.4	64.6	67.0	36.1	1987
1988	36.1	23.7	16.6	73.6	160	76.6	17.6	11.7	24.6	37.0	64.3	67.0	46.7	1988
MEAN	27.6	20.3	17.6	46.7	167	66.6	46.6	26.6	30.0	63.0	67.6	42.7	62.4	MEAN

LOCATION - LAT 46 36 16 N
LONG 85 44 32 W
DRAINAGE AREA, 4 170 km^2
REGULATED

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	131 E ON NOV 4	35.7 B ON DEC 31	---	1959
1960	297 E AT 19:20 EST ON MAY 8	262 E ON MAY 10	1.42 ON AUG 1	1 580 000	1960
1961	242 AT 16:30 EST ON MAY 24	239 ON MAY 22	1.13 ON AUG 17 *	1 800 000	1961
1962	173 AT 08:30 EST ON MAY 13	169 ON MAY 12	3.23 ON JUL 23	1 480 000	1962
1963	245 AT 09:30 EST ON JUN 24	229 ON JUN 24	8.18 ON SEP 7	1 800 000	1963
1964	306 AT 11:30 EST ON MAY 12	300 ON MAY 12	18.1 B ON APR 1	2 090 000	1964
1965	188 AT 08:00 EST ON MAY 16	187 ON MAY 16	16.7 RB ON APR 5	1 580 000	1965
1966	334 AT 10:45 EST ON MAY 27	331 ON MAY 26	1.87 ON OCT 1	1 810 000	1966
1967	234 AT 14:00 EST ON MAY 11	233 ON MAY 9	8.61 ON JUL 13	1 580 000	1967
1968	203 AT 13:00 EST ON JUL 24	201 ON JUL 24	10.0 ON MAR 16	2 000 000	1968
1969	202 AT 02:00 EST ON MAY 11	201 ON MAY 10	13.1 ON OCT 5	1 330 000	1969
1970	185 AT 13:55 EST ON MAY 8	182 ON MAY 8	8.97 ON APR 5	1 330 000	1970
1971	220 AT 12:43 EST ON MAY 30	218 ON MAY 30	5.87 ON SEP 16	1 800 000	1971
1972	228 AT 02:32 EST ON MAY 18	228 ON MAY 18	18.7 ON APR 15	1 880 000	1972
1973	261 AT 02:46 EST ON MAY 18	249 ON MAY 18	16.8 ON MAR 5	1 910 000	1973
1974	212 AT 13:12 EST ON MAY 18	210 ON MAY 17	17.0 ON APR 10	2 030 000	1974
1975	183 AT 02:00 EST ON MAY 13	182 ON MAY 13	11.0 ON OCT 21	1 190 000	1975
1976	317 AT 20:40 EST ON APR 27	317 ON APR 27	8.23 ON OCT 26	1 280 000	1976
1977	208 AT 18:07 EST ON APR 27	208 ON APR 27	2.97 ON AUG 15	1 540 000	1977
1978	---	---	---	---	1978
1979	426 AT 11:07 EST ON MAY 16 *	425 ON MAY 16 *	13.0 ON JUL 23	2 610 000	1979
1980	244 AT 11:48 EST ON MAY 8	243 ON MAY 8	14.7 ON SEP 4	1 520 000	1980
1981	188 AT 14:43 EST ON MAY 12	188 ON MAY 12	8.85 ON OCT 5	1 280 000	1981
1982	240 AT 05:11 EST ON MAY 14	239 ON MAY 13	10.5 ON MAR 10	2 080 000	1982
1983	197 AT 08:20 EST ON MAY 17	195 ON MAY 15	9.94 ON SEP 8	1 730 000	1983
1984	188 AT 16:28 EST ON MAY 11	185 ON MAY 11	15.8 ON APR 3	1 610 000	1984
1985	181 AT 07:17 EST ON MAY 3	180 ON MAY 2	16.4 ON APR 14	1 890 000	1985
1986	227 AT 14:50 EST ON MAY 5	225 ON MAY 5	5.40 ON JUN 28	1 520 000	1986
1987	88.8 AT 11:28 EST ON APR 23	82.1 ON APR 22	5.72 ON MAY 30	1 200 000	1987
1988	---	190 ON MAY 18	9.91 ON JUL 31	1 570 000	1988
				1 660 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0.350	0.223	0.174	5.27	1.75	0.573	0.484	0.523	6.47	2.23	1.55	0.802	1.87	1980
1981	0.411	0.421	0.765	12.4	4.21	4.38	0.674	0.320	0.188	1.02	0.787	0.308	2.15	1981
1982	0.148	0.126	0.148	7.18	5.26	1.23	5.53	0.638	1.05	6.37	5.83	1.83	3.07	1982
1983	0.521	0.438	0.574	8.36	5.40	2.53	3.87	0.718	0.548	1.84	2.47	4.07	2.37	1983
1984	0.550	0.470	0.366	7.65	5.87	3.78	1.01	0.609	0.456	1.08	1.14	2.23	2.12	1984
1985	0.549	0.178	0.531	7.26	4.18	4.84	2.88	1.20	3.22	5.22	2.27	0.845	2.74	1985
1986	0.528	0.407	0.816	13.7	8.41	1.37	0.762	0.481	0.513	0.840	1.84	0.484	2.32	1986
1987	0.320	0.268	0.347	1.48	1.24	0.731	0.534	2.68	1.81	1.25	0.885	0.378	1.03	1987
1988	0.178	0.123	0.403	5.04	3.14	0.841	0.324	1.70	2.12	1.02	3.07	1.01	1.88	1988
MEAN	0.386	0.287	0.436	7.26	4.29	2.24	1.78	1.08	1.82	2.30	2.24	1.31	2.12	MEAN

LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km^2
NATURAL FLOW

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	28.4 AT 18:28 EST ON SEP 13	21.0 ON SEP 14	0.137 ON AUG 12	52 800	1980
1981	28.1 AT 20:20 EST ON APR 10	20.7 ON APR 11	0.140 ON SEP 25	67 900	1981
1982	---	30.4 ON APR 25	0.1208 ON FEB 14	96 900	1982
1983	27.5E AT 01:00 EST ON JUL 4	23.1E ON JUL 4	0.341 ON SEP 8	74 900	1983
1984	34.7 AT 20:11 EST ON APR 27	22.6 ON APR 28	0.283 ON SEP 2	67 100	1984
1985	26.4 AT 13:40 EST ON APR 21	23.3 ON APR 23	0.1628 ON MAR 13	86 200	1985
1986	54.2 AT 11:10 EST ON APR 28 *	37.8 ON APR 29 *	0.260 ON AUG 31	73 100	1986
1987	21.4 AT 18:05 EST ON AUG 12	14.8 ON AUG 13	0.184 ON JUL 1	32 500	1987
1988	---	16.3 ON NOV 18	0.1138 ON FEB 28 *	50 100	1988
				68 800	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	3.08	1.84	---	1913
1914	2.19	2.95	8.26	6.80	5.04	5.43	1.00	0.815	1.98	1.02	2.14	2.84	3.19	1914
1915	2.68	7.81	8.92	3.62	1.73	1.15	1.11	5.31	2.91	3.18	3.30	2.86	3.64	1915
1916	13.8	7.67	8.65	10.7	7.87	8.04	1.03	0.595	---	---	---	---	---	1916
MEAN	6.26	6.11	7.34	7.11	4.81	4.87	1.05	2.31	2.45	2.11	2.84	2.45	3.37	MEAN

LOCATION - LAT 43 08 55 N
LONG 80 21 20 W
DRAINAGE AREA, 399 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	54.9 ON JUN 9 *	0.283 ON AUG 8 *	101 000	1914
1915	---	21.7 ON FEB 25	0.566 ON JUN 1	112 000	1915
1916	---	47.0 ON MAR 30	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		107 000	MEAN

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	4.86	5.35	3.45	1.45	1.14	0.899	0.764	0.594	1.17	1.71	---	1981
1982	0.985	0.884	9.95	4.66	1.65	1.34	0.676	1.14	0.770	1.42	3.21	3.24	2.50	1982
1983	1.10	0.815	10.6	4.61	2.85	1.31	0.898	0.567	0.508	0.488	0.627	0.617	2.08	1983
1984	1.03	1.13	5.75	5.82	2.74	0.990	0.865	2.05	1.17	0.814	0.925	3.15	2.19	1984
1985	3.78	10.3	9.64	15.7	3.89	1.22	1.05	0.925	0.623	1.10	2.08	5.13	4.38	1985
1986	2.85	3.89	10.3	5.57	3.23	1.96	0.557	0.718	0.713	0.748	2.12	9.03	3.48	1986
1987	5.15	3.43	8.91	12.8	3.86	3.83	3.05	2.23	1.32	3.57	5.28	8.51	5.17	1987
1988	2.56	11.8	10.7	4.85	2.47	1.77	1.14	0.639	1.03	1.16	2.07	3.86	3.84	1988
1989	5.03	6.42	9.58	11.3	6.02	2.17	0.898	0.742	0.500	0.788	1.97	1.60	3.90	1989
1970	1.18	2.18	6.70	8.81	3.19	1.17	1.37	0.760	0.630	1.08	2.30	4.83	2.85	1970
1971	2.22	2.98	10.5	11.1	2.07	1.19	0.711	0.484	0.492	0.558	0.863	1.81	2.88	1971
1972	2.50	1.42	12.5	15.1	4.20	2.43	2.66	3.33	1.12	2.30	5.13	5.44	4.68	1972
1973	6.95	5.16	21.0	8.31	4.85	2.24	1.26	0.818	0.515	0.882	4.71	4.84	5.13	1973
1974	8.53	8.44	12.0	9.21	8.53	2.84	1.62	0.845	0.810	0.880	2.02	1.99	4.84	1974
1975	3.20	5.47	11.8	8.57	2.88	2.68	1.23	1.70	2.88	1.72	2.58	4.47	4.21	1975
1976	2.78	14.0	20.8	8.84	7.40	2.05	2.77	3.52	1.77	2.16	2.41	2.02	5.84	1976
1977	1.22	1.33	16.6	8.52	2.26	1.48	1.34	1.42	5.21	6.64	4.02	8.76	5.01	1977
1978	4.63	2.90	18.3	17.0	4.76	1.88	1.02	2.33	1.59	2.24	5.80	9.48	5.83	1978
1980	4.85	2.01	10.5	12.1	5.01	2.30	1.78	1.80	1.21	1.84	1.80	2.87	4.02	1980
1981	1.28	13.0	5.26	5.24	3.32	1.86	1.18	1.57	5.71	5.26	3.80	2.86	4.11	1981
1982	2.52	1.72	14.2	18.9	4.15	8.22	1.86	1.89	2.77	2.87	7.04	13.4	6.47	1982
1983	5.07	8.75	8.29	8.10	8.86	3.20	1.89	7.83	2.16	2.70	3.84	8.23	5.40	1983
1984	2.89	16.5	10.8	8.48	4.14	5.18	2.06	0.981	1.86	1.42	2.89	4.83	5.35	1984
1985	4.84	8.05	18.9	13.0	2.38	1.78	1.88	1.85	3.06	4.34	14.8	8.80	6.81	1985
1986	5.21	3.07	15.1	8.30	4.88	2.70	1.70	1.81	2.30	7.30	3.85	7.13	5.10	1986
1987	4.31	2.35	10.0	11.2	2.19	1.53	1.86	0.673	0.880	1.22	2.52	7.28	3.87	1987
1988	2.35	2.43	7.44	4.95	2.56	0.923	0.784	1.76	0.788	1.81	4.74	2.98	2.80	1988
MEAN	3.41	5.29	11.4	9.86	3.87	2.20	1.43	1.83	1.81	2.13	3.47	5.04	4.34	MEAN

LOCATION - LAT 43 07 33 N
LONG 80 23 05 W

DRAINAGE AREA, 383 km^2
REGULATED

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	21.4 ON MAR 13	0.212 ON JUL 18	78 800	1982
1983	---	42.2 ON MAR 27	0.433 ON JUL 13	85 800	1983
1984	---	13.5 ON APR 9	0.248 ON AUG 1	89 200	1984
1985	---	64.3 ON FEB 11	0.583 ON SEP 17	144 000	1985
1986	---	32.6 ON DEC 8	0.232 ON JUL 23	110 000	1986
1987	---	52.4A ON APR 3	0.827 ON SEP 20	183 000	1987
1988	---	54.1 ON FEB 3	0.467 ON JUL 30	115 000	1988
1989	86.4 AT 03:00 EST ON JAN 31	50.7 ON JAN 31	0.183 ON AUG 14	123 000	1989
1970	23.8 AT 01:00 EST ON APR 5	22.7 ON APR 5	0.578 ON AUG 28	88 800	1970
1971	48.7 AT 23:11 EST ON APR 3	40.2 ON APR 4	0.176 ON AUG 6	80 400	1971
1972	41.8 AT 17:00 EST ON MAR 23	35.4 ON MAR 23	0.841 ON AUG 1	154 000	1972
1973	---	47.8E ON MAR 13	0.300 ON SEP 12	152 000	1973
1974	79.3E ON MAY 16	49.0 ON MAR 8	0.868 ON AUG 21	148 000	1974
1975	45.0 AT 16:33 EST ON FEB 26	34.3 ON FEB 26	0.575 ON AUG 2	133 000	1975
1976	80.0 AT 13:41 EST ON MAR 8	48.7 ON MAR 8	1.34 ON SEP 8	185 000	1976
1977	82.8 AT 15:35 EST ON MAR 14	60.0 ON MAR 14	0.885 ON JUL 31	158 000	1977
1978	49.0 AT 07:48 EST ON APR 2	43.8 ON APR 2	0.356 ON JUL 21	141 000	1978
1979	72.5 AT 14:25 EST ON APR 15	66.0 ON APR 15	0.249 ON JUL 24	184 000	1979
1980	66.2 AT 03:42 EST ON MAR 22	54.6 ON MAR 22	0.816 ON AUG 28	127 000	1980
1981	43.1 AT 08:21 EST ON FEB 21	42.2 ON FEB 21	0.440 ON JUL 18	130 000	1981
1982	84.8 AT 15:38 EST ON APR 1 *	74.7 ON APR 1 *	0.702 ON JUL 27	204 000	1982
1983	25.8 AT 22:07 EST ON AUG 1	22.8 ON AUG 2	0.628 ON JUL 28	170 000	1983
1984	66.0 AT 18:27 EST ON FEB 16	51.8 ON FEB 17	0.735 ON AUG 18	189 000	1984
1985	88.8 AT 08:00 EST ON FEB 26	63.3 ON FEB 26	0.750 ON JUL 29	218 000	1985
1986	48.2 AT 03:40 EST ON MAR 20	42.6 ON MAR 20	0.889 ON SEP 4	161 000	1986
1987	44.2 AT 06:36 EST ON APR 6	41.8 ON APR 7	0.553 ON SEP 10	122 000	1987
1988	---	21.8 ON MAR 27	0.184 ON JUL 10 *	85 800	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		137 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	2.06	1.39	2.23	3.34	1.78	---	1960
1961	0.783	0.441	0.786	5.25	4.13	4.68	4.09	1.87	3.79	3.00	3.39	2.14	2.86	1961
1962	1.22	0.878	1.80	12.7	5.65	1.12	0.648	0.415	0.422	0.587	0.770	0.634	2.22	1962
1963	0.488	0.410	0.801	11.5	2.18	1.38	0.558	0.451	0.462	0.402	0.838	0.751	1.88	1963
1964	0.508	0.844	0.784	10.4	3.03	1.06	0.575	0.439	0.863	1.84	1.71	1.80	1.95	1964
1965	1.38	1.15	0.683	15.6	3.02	0.854	0.587	1.37	4.23	4.41	4.62	3.92	3.48	1965
1966	3.37	2.50	7.54	8.26	2.43	1.65	0.823	0.562	0.435	1.32	4.67	6.66	3.34	1966
1967	2.10	1.84	2.03	20.9	7.06	3.28	1.62	1.59	1.24	2.80	5.78	3.54	4.46	1967
1968	1.15	0.837	4.75	8.45	2.82	1.77	2.15	1.51	3.30	2.55	1.58	1.95	2.74	1968
1969	0.810	1.08	2.37	15.2	3.39	2.23	1.21	1.04	0.476	3.18	5.29	1.85	3.17	1969
1970	1.22	1.11	1.17	11.3	4.87	7.67	1.82	0.772	2.59	4.63	3.44	3.13	3.64	1970
1971	1.71	1.18	2.67	18.2	3.70	1.85	0.718	0.822	0.552	1.17	1.69	3.14	3.18	1971
1972	1.44	1.22	1.14	13.2	7.21	1.40	0.819	4.34	2.05	2.82	2.78	1.12	3.29	1972
1973	1.12	1.02	10.4	6.78	5.08	1.76	1.51	2.83	1.01	1.78	2.58	1.86	3.14	1973
1974	1.00	0.871	1.11	13.7	3.28	3.51	1.46	0.808	0.805	1.70	3.86	1.38	2.78	1974
1975	1.17	0.803	1.18	14.8	4.53	1.71	0.806	0.526	0.685	1.41	1.85	2.50	2.87	1975
1976	0.854	0.525	3.11	16.3	4.53	1.67	1.23	0.780	1.38	1.40	1.04	0.594	2.75	1976
1977	0.484	0.480	5.08	12.2	1.80	0.784	1.00	1.03	2.28	4.12	3.62	1.87	2.89	1977
1978	1.17	0.908	1.05	12.5	5.53	1.14	1.20	1.42	2.25	8.08	2.38	1.85	3.12	1978
1979	1.26	0.936	4.62	25.3	8.89	1.84	1.40	0.828	1.04	1.70	4.18	2.84	4.38	1979
1980	2.31	0.873	1.82	17.4	5.23	1.47	0.918	0.818	2.28	4.24	2.32	1.13	3.47	1980
1981	0.698	2.94	5.43	12.8	2.73	1.54	1.36	0.898	2.78	4.28	2.36	1.22	3.21	1981
1982	0.731	0.833	0.885	16.0	3.50	1.58	0.752	0.538	0.904	2.58	3.33	4.42	2.88	1982
1983	2.52	1.12	5.74	10.8	7.47	3.15	0.751	0.664	0.587	1.62	1.64	1.14	3.10	1983
1984	0.755	2.57	2.41	7.88	2.58	5.21	2.14	1.03	1.86	2.84	5.11	4.23	3.18	1984
1985	1.38	0.833	2.02	20.2	4.27	1.38	2.00	1.28	0.892	1.83	3.31	1.58	3.40	1985
1986	1.08	0.857	3.55	14.2	2.87	1.48	0.852	1.07	0.858	1.88	1.42	0.828	2.55	1986
1987	0.687	0.584	4.00	8.01	1.84	1.00	0.657	0.330	0.261	0.555	0.678	0.678	1.83	1987
1988	0.831	0.822	1.37	18.1	4.70	1.28	0.777	0.781	0.891	3.89	8.17	2.76	3.84	1988
MEAN	1.21	1.08	2.87	13.6	4.19	2.12	1.21	1.11	1.46	2.46	3.07	2.18	3.03	MEAN

LOCATION - LAT 46 34 55 N DRAINAGE AREA, 243 km²
LONG 81 11 59 W NATURAL FLOW

REMARKS - DATA FROM NOV 1985 BASED AT NEW SITE 3.0 km UPSTREAM OF ORIGINAL GAUGE. DRAINAGE AREA REVISED.

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	---	---	---	1960
1961	---	13.6 ON JUN 25	0.378RB ON FEB 23	93 300	1961
1962	25.7 AT 11:00 EST ON APR 10	25.3 ON APR 10	0.343 ON AUG 22	70 000	1962
1963	---	32.6B ON APR 4	0.326 ON OCT 4	53 100	1963
1964	---	40.2A ON APR 16	0.306 ON SEP 2	81 700	1964
1965	50.1 AT 04:00 EST ON APR 15	48.7 ON APR 15	0.416 ON AUG 6	110 000	1965
1966	27.2 AT 15:30 EST ON MAR 24	25.7 ON MAR 24	0.343A ON SEP 28	105 000	1966
1967	39.8B AT 08:00 EST ON APR 9	31.1B ON APR 9	0.785 ON SEP 20	141 000	1967
1968	27.8 AT 00:01 EST ON APR 1	26.6B ON MAR 31	0.580B ON JAN 28	88 700	1968
1969	41.1 AT 08:00 EST ON APR 14	40.2 ON APR 14	0.388 ON SEP 26	100 000	1969
1970	28.4 AT 15:33 EST ON JUN 4	28.2 ON JUN 4	0.422 ON AUG 11	115 000	1970
1971	48.1 AT 07:11 EST ON APR 19	47.6 ON APR 19	0.384 ON SEP 17	89 600	1971
1972	45.0 AT 00:30 EST ON APR 25	43.9 ON APR 25	0.286 ON JUL 8	104 000	1972
1973	---	21.6B ON MAR 18	0.561E ON SEP 18	98 200	1973
1974	38.2 AT 07:14 EST ON APR 18	37.7 ON APR 17	0.442 ON SEP 4	88 800	1974
1975	51.5 AT 04:10 EST ON APR 23	51.0 ON APR 23	0.388 ON AUG 1	84 100	1975
1976	44.5 AT 08:50 EST ON APR 4	43.6 ON APR 4	0.467B ON FEB 12	87 000	1976
1977	45.3 AT 04:48 EST ON APR 2	43.6 ON APR 2	0.428B ON JAN 26	91 300	1977
1978	38.8 AT 02:51 EST ON APR 25	37.4 ON APR 25	0.637E ON AUG 17	88 500	1978
1979	80.0 AT 05:00 EST ON APR 19	57.9 ON APR 18	0.887 ON AUG 15	138 000	1979
1980	---	49.3E ON APR 11	0.480B ON MAR 13	110 000	1980
1981	28.0 AT 13:04 EST ON APR 5	28.6 ON APR 5	0.634 ON AUG 27	101 000	1981
1982	42.5 AT 08:31 EST ON APR 19	42.1 ON APR 18	0.444 ON AUG 17	84 100	1982
1983	26.5 AT 00:07 EST ON APR 15	24.2 ON APR 15	0.407 ON SEP 18	87 700	1983
1984	15.2 AT 13:34 EST ON APR 6	15.0 ON APR 6	0.620B ON FEB 10	100 000	1984
1985	81.8 AT 11:50 EST ON APR 23 *	66.2 ON APR 23 *	0.765B ON FEB 10	107 000	1985
1986	41.5 AT 22:38 EST ON APR 5	40.3 ON APR 5	0.430B ON MAR 8	80 800	1986
1987	---	19.5B ON MAR 30	0.225E ON SEP 18 *	61 500	1987
1988	---	54.0B ON APR 7	0.812 ON AUG 1	115 000	1988
				95 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	6.09	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	7.36	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	6.51	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	6.63	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	5.26	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	5.05	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	7.85	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	7.62	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	11.3	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	3.47	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	7.27	---	---	---	---	---	---	---	---	---	1974
1975	0.808	0.855	0.732	8.01	2.84	0.728	0.100	0.105	0.201	0.785	1.09	1.78	1.48	1975
1976	0.284	0.247	1.82	8.23	2.23	0.885	0.211	0.184	0.900	1.04	0.705	0.340	1.38	1976
1977	0.294	0.271	3.83	6.63	0.840	0.348	0.603	0.689	1.73	3.10	2.74	1.88	1.88	1977
1978	0.810	0.618	0.624	6.67	2.89	0.825	0.701	0.880	1.81	4.20	1.67	1.15	1.81	1978
1979	0.856	0.823	2.82	15.1	3.62	0.892	0.584	0.350	0.832	1.31	2.12	1.88	2.58	1979
1980	1.31	0.542	0.718	8.32	3.03	0.863	0.519	0.558	1.32	2.51	1.53	0.748	1.91	1980
1981	0.383	1.66	2.89	7.13	1.32	0.792	0.668	0.226	1.87	2.63	1.30	0.800	1.78	1981
1982	0.614	0.433	0.842	8.16	1.71	0.866	0.237	0.212	0.578	1.36	1.88	2.39	1.87	1982
1983	1.34	0.632	3.37	8.41	4.37	2.00	0.361	0.224	0.257	1.17	1.08	0.884	1.84	1983
1984	0.484	1.67	1.23	4.86	1.31	3.71	1.24	0.481	1.12	1.51	2.94	2.29	1.88	1984
1985	0.888	0.884	1.41	12.3	2.36	0.748	0.732	0.180	0.639	1.19	2.13	1.18	2.03	1985
1986	0.829	0.480	0.893	8.63	1.82	0.852	0.840	0.661	0.548	0.930	0.800	0.887	1.44	1986
1987	0.432	0.360	2.88	5.38	1.10	0.568	0.330	0.133	0.112	0.395	0.516	0.716	1.08	1987
1988	0.524	0.528	0.873	10.9	2.24	0.528	0.337	0.417	0.614	2.08	3.87	1.87	2.08	1988
MEAN	0.884	0.880	1.78	8.02	2.28	1.03	0.505	0.384	0.902	1.73	1.85	1.28	1.78	MEAN

LOCATION - LAT 48 37 30 N
LONG 81 00 30 W

DRAINAGE AREA, 155 km²
NATURAL FLOW

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	28.3 AT 18:24 EST ON APR 20	27.5 ON APR 21	0.051 ON AUG 2	48 700	1975
1976	23.0 AT 18:21 EST ON APR 2	21.7 ON APR 3	0.085 ON AUG 28	43 600	1976
1977	27.1 AT 10:28 EST ON MAR 31	25.7 ON MAR 31	0.098 ON JUL 11	58 800	1977
1978	18.6 A ON APR 24	17.6 A ON APR 24	0.385 ON AUG 16	60 100	1978
1979	30.3 AT 18:24 EST ON APR 15	28.9 ON APR 18	0.168 ON JUL 24	80 800	1979
1980	32.7 AT 07:30 EST ON APR 10	32.2 ON APR 10	0.282 ON MAR 14	80 400	1980
1981	16.2 AT 22:52 EST ON APR 5	15.2 ON APR 5	0.128 ON AUG 21	58 400	1981
1982	27.6 AT 18:03 EST ON APR 18	26.3 ON APR 18	0.116 ON AUG 15	52 800	1982
1983	17.8 AT 08:28 EST ON APR 15	17.2 ON APR 15	0.081 ON SEP 10	58 200	1983
1984	7.83 AT 03:42 EST ON APR 7	7.80 ON APR 7	0.298 ON AUG 21	58 800	1984
1985	52.2 AT 20:52 EST ON APR 22 *	45.1 ON APR 23 *	0.018 ON AUG 28 *	83 900	1985
1986	30.9 AT 18:01 EST ON APR 4	29.2 ON APR 4	0.323 ON SEP 3	45 800	1986
1987	---	14.8 E ON MAR 31	0.048E ON SEP 18	34 200	1987
1988	---	34.4 A ON APR 5	0.218 ON JUL 3	85 000	1988
				58 100	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.32	1.53	0.631	0.329	0.078	0.078	0.042	0.132	1.94	0.898	---	1973
1974	0.625	0.535	1.69	3.32	1.74	0.288	0.290	0.186	0.118	0.381	0.906	0.453	0.874	1974
1975	0.539	0.782	2.18	3.40	0.550	0.084	0.088	0.057	0.128	0.101	0.187	0.382	0.702	1975
1976	0.202	0.376	4.87	1.45	0.828	0.156	0.278	0.085	0.882	0.618	1.05	0.424	0.817	1976
1977	0.225	0.198	4.81	1.07	0.180	0.070	0.058	0.112	0.400	0.717	1.14	1.08	0.853	1977
1978	0.785	0.453	0.784	5.07	0.778	0.212	0.072	0.084	0.077	0.268	0.388	0.328	0.784	1978
1979	0.382	0.218	4.44	2.06	0.534	0.172	0.052	0.045	0.038	0.244	0.761	1.68	0.894	1979
1980	0.378	0.193	3.02	2.48	0.383	0.324	1.00	0.251	0.347	1.03	1.04	1.58	1.01	1980
1981	0.389	3.81	1.17	0.801	0.884	0.248	0.086	0.248	0.881	1.12	1.08	0.507	0.883	1981
1982	0.488	0.341	1.24	5.35	0.258	1.05	0.081	0.142	0.218	0.274	1.16	2.59	1.10	1982
1983	0.856	0.888	1.81	1.81	1.11	0.180	0.031	0.052	0.045	0.188	0.843	0.378	0.846	1983
1984	0.218	2.31	1.89	2.03	0.547	0.150	0.089	0.038	0.185	0.183	0.547	1.22	0.783	1984
1985	0.573	1.87	3.84	3.08	0.811	0.264	0.143	0.257	1.05	0.843	1.88	0.979	1.25	1985
1986	0.848	0.415	3.70	1.77	0.625	0.208	0.071	0.283	3.87	1.84	0.880	0.745	1.22	1986
1987	0.418	0.284	3.34	1.88	0.158	0.157	0.478	0.053	0.045	0.288	1.28	1.54	0.841	1987
1988	0.948	0.725	2.22	1.71	0.475	0.083	0.033	0.081	0.114	0.283	0.888	0.458	0.889	1988
MEAN	0.503	0.858	2.84	2.41	0.842	0.248	0.188	0.124	0.483	0.844	0.988	0.939	0.894	MEAN

LOCATION - LAT 44 25 29 N DRAINAGE AREA, 94.8 km²
LONG 78 38 38 W NATURAL FLOW

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	23.6 B AT 00:30 EST ON MAR 12	18.2 B ON MAR 12	0.021 ON JUL 24	---	1973
1974	26.6 AT 08:06 EST ON APR 4	24.3 ON APR 4	0.034 ON JUL 23	27 600	1974
1975	30.3 AT 07:39 EST ON APR 19	25.8 ON APR 19	0.018 ON AUG 23	22 100	1975
1976	31.1 AT 19:33 EST ON MAR 25	30.0 ON MAR 25 *	0.034 ON AUG 25	28 000	1976
1977	29.2 B AT 21:17 EST ON MAR 13	25.6 B ON MAR 14	0.005 ON JUL 29 *	27 000	1977
1978	15.7 AT 20:56 EST ON APR 11	10.5 ON APR 12	0.016 ON AUG 15	24 100	1978
1979	25.5 AT 22:31 EST ON MAR 24	21.8 ON MAR 25	0.016 ON JUL 19	28 200	1979
1980	35.3 AT 20:24 EST ON MAR 21 *	21.2 ON MAR 21	0.045 ON SEP 8	31 800	1980
1981	21.8 AT 23:15 EST ON FEB 23	18.8 ON FEB 23	0.026 ON JUL 25	27 800	1981
1982	20.8 AT 03:21 EST ON APR 1	15.5 ON APR 1	0.023 ON JUL 27	34 600	1982
1983	8.08 AT 13:31 EST ON APR 10	5.76 ON MAR 7	0.009 ON SEP 12	20 300	1983
1984	14.1 AT 11:31 EST ON DEC 28	11.1 ON DEC 28	0.015 ON AUG 8	24 800	1984
1985	23.1 AT 00:28 EST ON MAR 28	14.5 ON MAR 29	0.025 ON AUG 14	38 400	1985
1986	34.1 AT 03:36 EST ON SEP 12	21.8 ON SEP 12	0.028 ON JUL 26	38 800	1986
1987	14.6 AT 10:38 EST ON APR 5	12.4 ON APR 5	0.014 ON AUG 28	26 800	1987
1988	---	15.5 B ON MAR 28	0.018 ON JUL 22	21 200	1988
				28 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.73	2.15	1.10	0.488	0.122	0.084	0.071	0.188	2.00	1.25	---	1973
1974	0.703	0.872	3.18	3.72	2.24	0.342	0.411	0.372	0.316	0.824	1.44	0.887	1.26	1974
1975	0.877	0.887	2.29	4.17	0.933	0.088	0.111	0.092	0.288	0.300	0.428	0.781	0.830	1975
1976	0.720	0.728	4.88	2.88	0.988	0.251	0.883	0.238	0.902	1.14	1.31	1.19	1.32	1976
1977	0.471	0.420	5.34	2.28	0.207	0.108	0.145	0.255	0.630	1.24	1.88	1.77	1.23	1977
1978	1.02	0.878	0.883	6.05	1.32	0.345	0.118	0.080	0.172	0.518	0.882	0.883	1.08	1978
1979	0.883	0.458	3.88	3.77	1.28	0.278	0.133	0.088	0.078	0.822	1.08	2.22	1.22	1979
1980	1.04	0.338	3.02	4.17	0.778	0.445	0.878	0.957	0.418	1.22	1.87	1.84	1.38	1980
1981	0.812	3.37	1.87	1.28	1.08	0.328	0.084	0.247	0.882	1.40	1.38	1.05	1.11	1981
1982	0.835	0.438	1.17	7.83	0.883	1.14	0.387	0.178	0.280	0.883	1.42	2.81	1.45	1982
1983	1.33	0.833	2.10	2.05	1.52	0.418	0.107	0.153	0.158	0.324	1.04	0.788	0.905	1983
1984	0.428	2.33	2.05	3.10	0.753	0.285	0.124	0.108	0.305	0.287	0.980	1.23	0.890	1984
1985	1.38	1.45	3.86	4.28	0.703	0.418	0.242	0.218	1.81	4.82	2.18	1.28	1.88	1985
1986	0.842	0.783	2.88	2.78	0.880	0.380	0.138	0.248	2.75	2.48	0.941	1.04	1.38	1986
1987	0.782	0.555	3.10	3.08	0.250	0.278	0.491	0.248	0.085	0.378	1.48	1.84	1.06	1987
1988	0.885	1.18	1.87	2.84	0.748	0.183	0.085	0.108	0.258	0.571	1.18	0.887	0.884	1988
MEAN	0.838	1.03	2.98	3.81	0.887	0.358	0.272	0.228	0.882	1.04	1.31	1.32	1.20	MEAN

LOCATION - LAT 44 26 39 N DRAINAGE AREA, 127 km²
LONG 78 43 47 W NATURAL FLOW

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	13.5 AT 01:33 EST ON MAR 13	12.8 ON MAR 13	0.062 ON JUL 24	---	1973
1974	12.8 AT 12:30 EST ON MAR 8	12.3 ON MAR 8	0.074 ON JUL 24	39 500	1974
1975	18.3 AT 01:49 EST ON APR 20	17.0 ON APR 20	0.048 ON JUL 8	29 300	1975
1976	17.2 AT 18:41 EST ON MAR 28	16.8 ON MAR 28	0.116 ON JUN 13	41 800	1976
1977	20.2 AT 19:13 EST ON MAR 15 *	19.8 ON MAR 15 *	0.059 ON MAY 31	38 700	1977
1978	10.8 AT 08:47 EST ON APR 14	10.5 ON APR 14	0.089 ON AUG 14	33 400	1978
1979	18.0 AT 23:28 EST ON MAR 25	13.8 ON MAR 26	0.058 ON AUG 23	38 400	1979
1980	10.3 AT 04:49 EST ON MAR 23	10.0 ON MAR 23	0.113 ON SEP 15	43 700	1980
1981	15.3 AT 08:05 EST ON FEB 24	15.0 ON FEB 24	0.035 ON JUL 17	35 000	1981
1982	13.6 AT 10:54 EST ON APR 5	12.8 ON APR 4	0.088 ON AUG 24	45 700	1982
1983	4.03 AT 15:03 EST ON MAR 10	3.98 ON MAR 10	0.072 ON SEP 10	24 800	1983
1984	5.86 AT 09:25 EST ON APR 7	5.82 ON APR 7	0.043 ON AUG 8	31 300	1984
1985	11.1 AT 08:57 EST ON MAR 30	10.9 ON MAR 30	0.037 ON JUL 30	59 800	1985
1986	9.07 AT 00:56 EST ON MAR 28	8.79 ON MAR 28	0.026 ON AUG 8 *	42 800	1986
1987	9.15 AT 08:50 EST ON MAR 27	8.81 ON MAR 27	0.038 ON SEP 8	33 300	1987
1988	---	8.74 ON MAR 28	0.035 ON JUL 12	28 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 800	MEAN

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	0.449	0.328	0.380	0.867	0.848	1.02	---	1965
1966	0.483	1.57	1.86	0.888	0.862	0.487	0.312	0.310	0.345	0.382	0.888	1.46	0.805	1966
1967	1.07	0.881	1.76	1.48	0.828	0.885	0.584	0.457	0.435	0.882	0.971	1.05	0.893	1967
1968	0.888	1.57	2.52	0.955	0.838	0.521	0.334	0.373	0.411	0.424	0.733	0.832	0.872	1968
1969	1.72	0.818	1.44	1.42	0.888	0.818	0.574	0.850	0.390	0.508	0.780	0.818	0.887	1969
1970	0.838	0.878	1.50	1.89	0.885	0.850	0.528	0.388	0.438	0.881	0.777	0.807	0.788	1970
1971	0.833	0.780	1.23	2.48	0.704	0.595	0.474	0.408	0.478	0.538	0.894	0.899	0.811	1971
1972	0.884	0.807	1.14	3.22	0.888	0.595	0.576	0.882	0.531	0.732	0.906	1.18	1.01	1972
1973	1.25	1.17	2.83	1.84	1.18	0.738	0.450	0.477	0.455	0.884	0.930	0.782	1.04	1973
1974	1.32	0.838	1.66	1.88	1.19	0.728	0.782	0.535	0.545	0.815	0.763	0.781	0.942	1974
1975	0.808	1.35	1.85	1.48	0.818	0.809	0.402	0.373	0.517	0.488	0.828	0.788	0.848	1975
1976	0.358	1.59	2.72	1.42	1.35	0.748	0.708	0.484	0.483	0.588	0.481	0.831	0.854	1976
1977	0.426	0.545	2.18	1.26	0.480	0.418	0.348	0.515	0.707	0.808	1.21	1.26	0.847	1977
1978	2.09	0.627	1.47	2.72	1.28	0.882	0.445	0.483	0.884	0.750	0.822	0.788	1.08	1978
1979	0.748	0.848	3.45	1.78	0.974	0.838	0.338	0.478	0.428	0.820	0.783	1.07	0.891	1979
1980	0.888	0.388	3.81	2.32	0.805	0.878	0.708	0.548	0.735	0.924	0.843	0.870	1.15	1980
1981	0.388	2.82	1.10	1.16	0.883	0.878	0.520	0.712	0.878	1.08	1.14	0.888	0.888	1981
1982	0.844	0.428	2.58	2.32	0.878	1.33	0.851	0.503	0.612	0.874	1.10	1.17	1.08	1982
1983	0.883	1.81	1.37	1.58	1.38	0.818	0.388	0.433	0.387	0.742	0.842	1.15	0.888	1983
1984	0.588	2.83	1.71	1.81	1.02	0.880	0.488	0.581	0.787	0.821	0.802	0.834	1.03	1984
1985	0.528	1.88	2.11	1.58	0.824	0.855	0.575	0.548	0.835	0.874	1.58	0.882	1.03	1985
1986	0.800	0.803	2.08	1.18	0.778	0.773	0.533	0.882	1.58	1.17	0.878	1.88	1.08	1986
1987	0.840	0.838	1.81	1.53	0.883	0.723	0.582	0.578	0.704	0.748	1.08	1.22	0.837	1987
1988	1.02	1.21	1.82	1.32	0.784	0.831	0.811	0.814	0.884	0.802	1.01	0.882	0.837	1988
MEAN	0.882	1.11	2.00	1.88	0.811	0.885	0.508	0.812	0.880	0.887	0.907	0.983	0.884	MEAN

LOCATION - LAT 43 56 47 N, LONG 78 37 08 W. DRAINAGE AREA, 82.8 km^2. NATURAL FLOW

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	13.7 AT 20:00 EST ON MAR 28	17.0 B ON MAR 1	0.288 ON JUL 27	25 400	1967
1968	16.4 AT 19:00 EST ON MAR 18	8.71 ON MAR 27	0.328 ON SEP 13	28 200	1968
1969	10.6 B AT 00:01 EST ON JAN 31	9.74 ON FEB 2	0.272 ON JUL 30	27 800	1969
		8.688 ON JAN 30	0.309 ON JUL 23	28 000	
1970	8.57 AT 13:45 EST ON APR 20	3.31 ON MAR 23	0.328 ON AUG 18	24 800	1970
1971	9.08 AT 19:29 EST ON APR 2	7.48 ON APR 2	0.284 ON AUG 20	25 800	1971
1972	18.7 AT 11:11 EST ON APR 13	11.4 ON APR 13	0.385 ON AUG 1	32 100	1972
1973	15.4 AT 14:01 EST ON FEB 2	12.8 ON MAR 4	0.345 ON AUG 18	32 800	1973
1974	21.4 AT 04:08 EST ON MAR 5	10.6 ON MAR 5	0.430 ON AUG 28	29 700	1974
1975	21.5 AT 12:47 EST ON FEB 24	14.1 ON FEB 24	0.323 ON JUL 17	28 800	1975
1976	18.3 AT 07:58 EST ON MAR 21	12.1 ON MAR 21	0.2888 ON JAN 5	30 200	1976
1977	---	8.60E ON MAR 13	0.170 ON JUL 28 *	26 700	1977
1978	17.6 AT 18:25 EST ON APR 1	11.3 B ON JAN 27	0.297 ON JUL 18	33 400	1978
1979	30.5 AT 18:25 EST ON MAR 4 *	15.8 ON MAR 4	0.178 ON JUL 24	31 200	1979
1980	---	52.8 E ON MAR 21 *	0.308 ON JUL 15	38 800	1980
1981	23.5 B AT 18:30 EST ON FEB 20	15.7 B ON FEB 20	0.285 ON JUL 17	31 400	1981
1982	26.6 AT 14:07 EST ON APR 3	12.4 ON MAR 31	0.3508 ON FEB 14	34 000	1982
1983	23.7 AT 22:33 EST ON FEB 2	8.02 ON FEB 3	0.225 ON JUL 27	30 100	1983
1984	---	31.5 B ON FEB 14	0.386 ON JUL 28	32 800	1984
1985	21.5 AT 12:08 EST ON FEB 24	18.2 ON FEB 24	0.433 ON AUG 10	32 400	1985
1986	23.2 AT 00:52 EST ON AUG 27	8.04 ON MAR 19	0.430 ON JUL 25	34 300	1986
1987	10.7 AT 22:25 EST ON APR 4	8.748 ON MAR 2	0.458 ON JUL 29	25 800	1987
1988	---	7.808 ON MAR 28	0.400 ON JUL 8	28 700	1988
				30 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	0.488	2.87	2.18	---	1985
1986	0.822	1.81	4.83	1.02	0.281	0.102	0.012	0.013	0.038	0.047	1.82	2.51	1.08	1986
1987	1.82	1.42	3.38	3.74	0.783	0.184	0.088	0.018	0.038	1.32	2.81	1.26	1.38	1987
1988	0.479	2.38	4.85	1.26	1.26	0.702	0.181	0.085	1.59	0.458	2.84	2.80	1.57	1988
1989	1.33	2.18	5.38	2.87	2.33	0.580	0.236	0.408	0.078	0.082	1.38	1.80	1.55	1989
1970	0.198	1.40	4.82	3.85	0.887	0.148	0.232	0.038	0.035	0.081	1.46	1.50	1.22	1970
1971	0.786	0.782	1.37	7.48	0.783	0.185	0.088	0.031	0.055	0.123	0.173	1.53	1.10	1971
1972	0.708	0.388	1.38	7.47	1.37	1.88	0.573	0.274	0.079	1.30	3.03	3.84	1.80	1972
1973	3.83	1.88	8.00	3.58	1.24	0.387	0.048	0.074	0.108	0.208	1.24	1.88	1.80	1973
1974	2.17	1.08	3.08	4.52	1.83	0.318	0.128	0.038	0.020	0.042	0.835	1.30	1.28	1974
1975	2.38	1.28	4.88	3.38	0.487	0.578	0.057	0.012	0.132	0.244	0.878	3.03	1.40	1975
1976	0.538	3.88	8.18	2.12	1.80	0.310	0.188	0.084	0.034	0.184	0.310	0.310	1.58	1976
1977	0.138	0.321	7.31	3.02	0.583	0.087	0.018	0.225	0.488	1.80	2.81	2.23	1.52	1977
1978	2.48	0.875	3.03	7.28	0.713	0.148	0.038	0.028	0.088	0.124	1.28	1.12	1.43	1978
1979	1.07	0.743	7.28	3.58	1.22	0.428	0.080	0.082	0.582	1.83	2.12	2.70	1.80	1979
1980	0.802	0.144	4.88	3.71	1.28	0.172	0.588	0.488	0.318	1.07	1.44	2.88	1.45	1980
1981	0.288	7.23	1.02	1.18	0.888	0.588	0.147	0.257	3.13	1.44	1.58	0.528	1.47	1981
1982	0.888	0.227	3.30	4.78	1.02	1.78	0.310	0.108	0.187	0.404	1.80	2.88	1.45	1982
1983	1.28	1.87	1.78	3.18	2.48	0.321	0.088	0.078	0.032	0.288	2.48	2.93	1.38	1983
1984	0.380	4.78	2.18	4.18	1.48	0.480	0.280	0.808	0.288	0.120	0.788	1.53	1.38	1984
1985	0.740	3.34	4.88	2.38	0.388	0.383	0.188	0.048	0.817	0.531	2.28	0.833	1.38	1985
1986	2.08	0.552	4.72	1.38	1.40	0.873	0.121	0.226	2.30	2.42	1.47	2.88	1.71	1986
1987	0.601	0.268	4.07	3.84	0.282	0.282	0.074	0.020	0.130	0.585	2.44	4.08	1.37	1987
1988	0.788	1.10	4.33	2.07	0.576	0.088	0.024	0.008	0.008	0.224	1.21	0.474	0.908	1988
MEAN	1.13	1.71	4.18	3.80	1.10	0.471	0.158	0.140	0.447	0.832	1.88	2.00	1.42	MEAN

LOCATION - LAT 44 14 22 N
LONG 76 50 58 W

DRAINAGE AREA, 112 km²
NATURAL FLOW

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	12.8 AT 01:00 EST ON NOV 28	---	---	---	1985
1986	---	12.3 B ON MAR 3	0.008 ON JUL 17	33 400	1986
1987	16.3 AT 02:00 EST ON MAR 30	16.1 ON MAR 30	0.008 ON SEP 17	42 700	1987
1988	18.38 AT 02:30 EST ON MAR 19	17.0 B ON MAR 19	0.048 ON AUG 15	49 800	1988
1989	27.8 AT 12:11 EST ON MAR 25	26.2 ON MAR 25	0.040 ON OCT 8	48 900	1989
1970	22.1 AT 18:32 EST ON MAR 25	18.3 ON MAR 25	0.018 ON AUG 26	38 800	1970
1971	20.8 AT 02:41 EST ON APR 11	18.2 ON APR 10	0.012 ON AUG 11	34 800	1971
1972	23.8 AT 22:31 EST ON APR 13	21.7 ON APR 13	0.037 ON SEP 23	67 100	1972
1973	18.8 AT 15:10 EST ON APR 3	15.8 ON APR 3	0.020 ON JUL 24	60 400	1973
1974	27.4 AT 15:54 EST ON APR 4	22.8 ON APR 4	0.012 ON AUG 26	39 600	1974
1975	---	22.1 B ON MAR 20	0.008 ON AUG 21	44 100	1975
1976	---	22.7 B ON MAR 22	0.011 ON AUG 17	49 000	1976
1977	---	27.8 ON MAR 13	0.007 ON JUL 28	48 000	1977
1978	---	21.0 B ON APR 3	0.011 ON AUG 14	45 100	1978
1979	---	20.5 B ON MAR 8	0.020 ON AUG 23	55 800	1979
1980	---	44.3 B ON MAR 22 *	0.045 ON JUL 18	45 800	1980
1981	---	34.0 B ON FEB 20	0.085 ON AUG 8	46 500	1981
1982	28.8 AT 06:37 EST ON APR 1	23.8 ON APR 1	0.037 ON AUG 15	45 800	1982
1983	---	8.588 ON DEC 15	0.018 ON SEP 16	43 800	1983
1984	---	28.0 B ON FEB 15	0.070 ON AUG 8	44 100	1984
1985	---	18.8 B ON FEB 25	0.018 ON AUG 18	43 400	1985
1986	32.48 AT 22:50 EST ON MAR 19 *	22.7 E ON MAR 20	0.057 ON JUL 31	53 700	1986
1987	22.4 AT 15:37 EST ON NOV 30	19.2 ON NOV 30	0.007 ON AUG 20	43 100	1987
1988	---	18.5 ON MAR 28	0 ON AUG 18 *	28 800	1988
				44 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	85.0	56.3	52.0	---	1987
1988	45.7	40.8	40.4	45.4	62.6	178	180	172	182	180	139	106	114	1988
1989	80.3	71.3	62.5	69.8	126	132	173	193	232	324	273	189	181	1989
1970	103	74.4	67.2	67.8	159	167	207	151	134	143	151	127	130	1970
1971	89.8	86.1	67.4	66.0	228	173	134	116	83.0	88.8	118	100	112	1971
1972	74.0	65.8	58.0	124	186	186	126	101	88.1	107	108	71.7	107	1972
1973	67.2	64.0	54.0	57.1	177	152	167	133	125	136	127	104	114	1973
1974	83.2	67.5	64.2	64.3	128	253	226	284	298	247	172	132	167	1974
1975	93.5	70.9	60.6	67.4	159	193	185	218	218	183	126	92.4	135	1975
1976	60.0	48.2	43.6	66.3	138	132	99.3	74.7	83.4	87.3	62.8	48.3	73.4	1976
1977	32.1	27.3	26.8	42.1	85.2	77.0	89.3	97.8	85.6	88.1	76.2	61.1	81.8	1977
1978	50.8	44.4	39.5	38.8	108	125	175	179	184	158	147	103	113	1978
1979	76.7	63.4	57.4	72.2	155	184	138	124	127	143	148	92.2	118	1979
1980	55.1	44.9	46.9	67.4	124	86.9	59.0	50.1	65.3	77.6	73.8	65.2	66.4	1980
1981	44.6	36.6	32.0	36.6	67.4	107	92.2	81.2	83.6	82.0	88.9	76.6	67.2	1981
1982	65.2	47.2	47.4	52.6	195	286	256	183	149	132	102	71.7	133	1982
1983	58.7	50.3	44.7	46.6	105	128	141	84.3	88.6	83.5	86.0	41.8	72.7	1983
1984	33.8	29.9	28.1	43.2	110	110	97.6	76.8	85.1	86.7	82.1	88.6	83.6	1984
1985	46.7	43.6	41.6	48.5	194	221	313	241	231	239	181	113	180	1985
1986	78.1	61.1	49.7	69.2	215	154	116	123	111	132	108	71.2	106	1986
1987	57.4	52.7	51.1	65.4	128	112	82.9	83.0	86.2	82.5	85.0	61.8	72.4	1987
1988	42.4	36.7	34.1	38.0	84.6	91.7	70.4	86.3	87.2	71.6	89.5	86.6	89.2	1988
MEAN	62.9	52.2	47.5	60.9	141	154	148	131	128	127	114	85.2	105	MEAN

LOCATION - LAT 53 20 55 N LONG 91 47 30 W DRAINAGE AREA, 10 800 km² NATURAL FLOW

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	188 AT 14:00 CST ON JUL 14	181 ON JUN 24	39.4B ON MAR 21	3 810 000	1988
1989	340 AT 12:00 CST ON OCT 16	340 ON OCT 13 *	57.6B ON MAR 30	5 080 000	1989
1970	221 AT 14:45 CST ON JUL 22	217 ON JUL 22	84.0B ON MAR 28	4 090 000	1970
1971	248 AT 12:58 CST ON MAY 16	245 ON MAY 16	62.7B ON MAR 25	3 530 000	1971
1972	252 AT 00:21 CST ON APR 28	247 ON APR 28	53.0 ON APR 6	3 380 000	1972
1973	212 AT 12:08 CST ON MAY 22	211 ON MAY 22	51.3B ON MAR 28	3 600 000	1973
1974	306 AT 15:08 CST ON SEP 16	303 ON SEP 6	50.4B ON MAR 23	5 270 000	1974
1975	244 AT 02:17 CST ON AUG 19	244 ON AUG 18	57.5B ON APR 3	4 280 000	1975
1976	---	158A ON MAY 20	40.2B ON DEC 31	2 320 000	1976
1977	101 AT 12:00 EST ON MAY 30	101 ON MAY 29	25.4B ON MAR 22 *	1 950 000	1977
1978	198 AT 15:33 EST ON SEP 3	192 ON SEP 3	38.6B ON APR 10	3 570 000	1978
1979	214 AT 15:30 EST ON MAY 29	214 ON MAY 30	54.1B ON MAR 15	3 630 000	1979
1980	138 AT 02:28 EST ON MAY 18	134 ON MAY 18	41.5B ON MAR 15	2 100 000	1980
1981	135 AT 00:52 EST ON JUN 28	126 ON JUN 28	31.0B ON MAR 29	2 120 000	1981
1982	330 AT 10:51 EST ON JUN 23	328 ON JUN 23	44.5B ON MAR 9	4 180 000	1982
1983	188 AT 16:35 EST ON JUL 11	183 ON JUL 11	36.5B ON DEC 31	2 290 000	1983
1984	---	128E ON MAY 21	27.7B ON MAR 15	2 010 000	1984
1985	341 AT 12:09 EST ON JUL 18 *	338 ON JUL 7	39.8B ON APR 11	5 080 000	1985
1986	248 AT 15:45 EST ON MAY 15	244 ON MAY 16	46.4B ON APR 3	3 410 000	1986
1987	148 AT 15:24 EST ON MAY 5	145 ON MAY 4	45.6 ON OCT 2	2 280 000	1987
1988	---	111 ON JUN 3	33.4B ON MAR 30	1 870 000	1988
				3 320 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	84.3	58.2	45.8	41.8	103	247	378	318	318	278	350	210	201	1988
1989	138	88.5	67.2	53.7	203	345	540	369	357	688	407	238	291	1989
1970	187	102	67.8	51.0	148	383	341	284	280	448	377	287	244	1970
1971	178	108	73.8	71.8	417	481	285	325	284	301	358	230	258	1971
1972	138	82.0	68.6	63.5	170	414	308	232	204	274	288	185	211	1972
1973	118	83.7	82.6	80.2	188	438	384	255	188	185	183	181	188	1973
1974	124	88.1	84.7	80.4	80.8	852	583	280	380	315	212	182	261	1974
1975	122	85.8	82.6	80.7	140	380	347	339	283	178	143	114	187	1975
1976	82.2	83.4	48.9	48.8	204	339	214	138	88.6	88.5	81.1	87.6	123	1976
1977	87.6	47.6	41.4	40.2	138	223	147	110	141	---	---	---	---	1977
MEAN	118	82.2	80.3	61.3	177	381	382	274	248	300	288	184	217	MEAN

LOCATION - LAT 52 57 30 N LONG 87 42 15 W DRAINAGE AREA, 18 000 km² NATURAL FLOW

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	405 ON JUL 10	35.8 ON APR 10 *	8 370 000	1968
1969	---	716 ON OCT 14	52.1 ON APR 8	8 180 000	1969
1970	476 AT 18:53 EST ON OCT 18	476 ON OCT 18	48.1 ON APR 22	7 880 000	1970
1971	894 AT 17:00 EST ON MAY 26	885 ON MAY 26	57.1B ON APR 3	8 070 000	1971
1972	456 AT 17:23 EST ON JUN 7	453 ON JUN 7	51.3B ON APR 23	5 870 000	1972
1973	815 AT 18:10 EST ON JUN 4	813 ON JUN 5	47.3 ON APR 14	8 880 000	1973
1974	835 AT 22:56 EST ON JUN 28 *	830 ON JUN 27 *	47.0 ON MAY 7	7 810 000	1974
1975	447 AT 18:38 EST ON JUN 28	447 ON JUN 28	48.8 ON APR 22	5 880 000	1975
1976	391 AT 15:20 EST ON JUN 3	378 ON JUN 3	44.5 ON APR 8	3 800 000	1976
1977	261 AT 18:31 EST ON JUN 3	260 ON JUN 3	---	---	1977
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 840 000	MEAN

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	782	721	480	---	1965
1966	289	202	138	118	772	1 430	1 250	743	788	880	577	334	612	1966
1967	198	134	107	102	284	1 180	889	418	238	184	188	146	325	1967
1968	118	105	84.5	123	535	487	628	888	587	805	1 020	428	488	1968
1969	263	185	132	130	873	831	973	856	829	1 480	821	448	630	1969
1970	288	171	123	118	780	1 050	702	700	788	1 220	857	429	603	1970
1971	271	185	135	127	1 420	1 040	588	786	663	857	884	287	572	1971
1972	188	138	112	97.1	785	838	883	584	641	815	534	317	484	1972
1973	206	185	139	118	1 220	1 250	1 220	613	431	459	393	288	644	1973
1974	---	---	---	---	---	---	---	518	784	837	382	235	---	1974
1975	183	128	107	86.3	337	930	881	1 240	751	821	417	247	488	1975
1976	170	131	108	188	1 080	747	482	298	207	176	136	105	320	1976
1977	87.3	74.8	86.2	183	547	384	322	282	335	388	291	198	258	1977
1978	133	108	86.2	93.8	450	---	---	---	---	---	---	270	---	1978
1979	208	184	121	315	828	893	481	801	801	870	803	341	441	1979
1980	245	184	87.2	115	824	485	482	387	480	771	482	388	398	1980
1981	208	158	128	148	1 180	840	470	258	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 010	820	838	818	801	314	---	1982
1983	208	184	118	88.0	203	881	808	348	320	383	348	282	281	1983
1984	215	178	118	434	711	881	478	338	288	272	340	287	382	1984
1985	241	188	133	147	2 230	2 440	1 480	704	877	878	488	323	807	1985
1986	218	183	107	82.7	1 180	780	488	428	873	803	318	201	422	1986
1987	155	130	112	387	880	488	371	288	830	480	388	234	380	1987
1988	180	110	90.2	88.8	832	888	318	208	800	838	412	282	380	1988
MEAN	200	147	113	158	848	883	888	827	838	831	488	280	480	MEAN

LOCATION - LAT 54 31 00 N DRAINAGE AREA, 80 000 km^2
LONG 87 14 00 W NATURAL FLOW

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	2 870 AT 11:15 EST ON MAY 20 *	1 880 ON MAY 23	111 B ON MAY 11	18 300 000	1966
1967	---	1 380E ON JUN 7	101 B ON APR 10	10 300 000	1967
1968	---	1 830RE ON NOV 5	85.7B ON APR 10	14 800 000	1968
1969	1 830 AT 19:00 EST ON OCT 8	1 830 ON OCT 8	114 B ON APR 2	20 100 000	1969
1970	---	1 440B ON MAY 31	111 B ON APR 13	18 000 000	1970
1971	---	2 120 ON MAY 20	108 B ON APR 16	18 000 000	1971
1972	---	1 630E ON MAY 23	92.8B ON APR 25	15 800 000	1972
1973	---	2 240B ON MAY 21	113 B ON APR 22	17 200 000	1973
1974	---	---	---	---	1974
1975	1 580 AT 18:55 EST ON AUG 18	1 580 ON AUG 18	92.3B ON APR 19	15 400 000	1975
1976	---	1 440E ON MAY 18	94.8B ON DEC 31	10 100 000	1976
1977	---	888E ON MAY 21	82.6B ON MAR 24	8 180 000	1977
1978	---	854 ON JUN 7	---	---	1978
1979	1 270 AT 00:33 EST ON MAY 13	1 250 ON MAY 13	110 B ON APR 9	13 800 000	1979
1980	---	1 010E ON MAY 15	58.0B ON APR 15 *	12 800 000	1980
1981	---	2 280E ON MAY 17	111 B ON MAR 30	---	1981
1982	---	---	---	---	1982
1983	735 AT 12:57 EST ON JUN 25	731 ON JUN 25	80.0B ON APR 24	8 180 000	1983
1984	---	1 240B ON APR 25	88.0B ON MAR 30	11 100 000	1984
1985	---	3 240 ON MAY 7 *	112 B ON APR 13	25 500 000	1985
1986	---	2 800E ON MAY 15	78.0B ON MAY 2	13 300 000	1986
1987	---	1 000B ON APR 24	105 B ON APR 4	11 000 000	1987
1988	---	2 120B ON MAY 5	82.2B ON APR 21	11 100 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		14 500 000	MEAN

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	742	1 320	1 140	893	1 030	---	---	---	1928
1929	---	---	---	---	---	883	978	818	548	978	---	---	---	1929
1930	---	---	---	---	---	575	508	446	400	374	---	---	---	1930
1931	---	---	---	---	---	---	368	357	388	384	---	---	---	1931
1932	---	---	---	---	---	508	480	382	---	---	---	---	---	1932
1933	---	---	---	---	835	842	588	518	440	---	---	---	---	1933
1934	---	---	---	---	---	1 120	1 180	1 030	880	788	---	---	---	1934
1935	---	---	---	---	---	782	881	881	872	853	---	---	---	1935
1936	---	---	---	---	---	898	888	888	826	887	---	---	---	1936
1937	---	---	---	---	---	946	1 000	1 230	927	988	---	---	---	1937
1938	---	---	---	---	---	2 080	1 700	738	---	---	---	---	---	1938
1939	---	---	---	---	---	595	593	578	518	488	---	---	---	1939
1940	---	---	---	---	---	451	438	383	358	380	---	---	---	1940
1941	---	---	---	---	---	824	488	518	588	---	---	---	---	1941
1942	---	---	---	---	---	788	873	880	838	783	---	---	---	1942
1943	---	---	---	---	---	1 770	2 280	1 310	780	958	---	---	---	1943
1944	---	---	---	---	---	1 220	1 730	1 340	1 800	814	---	---	---	1944
1945	---	---	---	---	---	1 140	788	784	886	881	---	---	---	1945
1946	---	---	---	---	---	1 110	838	778	848	888	---	---	---	1946
1947	---	---	---	---	---	1 480	1 840	1 040	802	717	---	---	---	1947
1948	---	---	---	---	---	883	707	704	885	838	---	---	---	1948
1949	---	---	---	---	---	838	848	838	873	852	---	---	---	1949
1950	---	---	---	---	---	2 830	2 880	2 480	1 870	1 080	---	---	---	1950
1951	---	---	---	---	---	1 310	881	723	880	888	---	---	---	1951
1952	---	---	---	---	---	820	888	821	788	888	---	---	---	1952
1953	---	---	---	---	---	833	888	838	732	888	---	---	---	1953
1954	---	---	---	---	---	2 380	2 200	1 070	830	811	---	---	---	1954
1955	---	---	---	---	---	811	827	748	880	818	---	---	---	1955
MEAN	---	---	---	---	835	1 040	1 010	822	782	882	---	---	---	MEAN

LOCATION - LAT 50 13 37 N DRAINAGE AREA, 128 000 km²
LONG 95 05 30 W REGULATED

REMARKS - HIGHER MAXIMUM DISCHARGES GENERALLY OCCUR OUTSIDE THE STANDARD PERIOD

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1928	---	---	---	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1932	---	---	---	---	1932
1933	---	1 070 ON MAY 6	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	2 150 ON MAY 28 *	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	473 ON JUL 5 *	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955

* - EXTREME RECORDED FOR THE PERIOD OF RECORD --- MEAN

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	233	213	218	---	1913
1914	215	196	288	284	335	557	611	584	381	348	278	275	380	1914
1915	278	283	286	287	445	557	680	642	383	282	285	278	392	1915
1916	288	347	412	458	825	1 020	1 110	1 010	810	728	534	514	672	1916
1917	428	522	571	582	408	282	188	193	193	202	208	207	331	1917
1918	203	205	280	275	211	226	188	174	183	214	217	227	218	1918
1919	209	183	318	500	389	313	721	739	552	453	348	297	419	1919
1920	300	340	442	488	403	808	550	382	304	283	200	188	391	1920
1921	231	218	232	536	823	432	320	273	252	258	261	244	323	1921
1922	228	231	227	381	735	652	807	402	370	280	238	224	373	1922
1923	204	206	310	536	500	340	315	309	285	278	288	268	328	1923
1924	287	288	284	285	305	278	252	294	282	306	288	278	287	1924
1925	280	180	180	178	188	188	182	188	180	185	173	187	183	1925
1926	174	183	188	269	318	314	407	385	273	498	740	518	355	1926
1927	508	571	647	613	1 400	1 540	1 530	1 170	800	550	367	305	818	1927
1928	278	258	414	470	410	382	724	445	328	583	587	489	458	1928
1929	423	481	588	531	384	341	284	304	342	348	364	367	383	1929
1930	347	308	310	328	284	282	278	273	238	185	184	171	265	1930
1931	127	111	108	143	109	84.8	81.7	84.3	78.8	78.4	85.0	81.6	100	1931
1932	107	112	88.1	89.5	181	138	184	184	183	278	303	233	158	1932
1933	230	247	350	703	483	245	238	277	282	261	340	354	327	1933
1934	387	371	388	401	421	373	283	265	258	326	338	385	347	1934
1935	300	307	285	343	348	319	644	404	341	348	328	327	362	1935
1936	237	405	482	373	401	388	340	384	355	388	388	347	378	1936
1937	338	345	338	371	388	353	640	718	525	412	394	383	418	1937
1938	341	324	307	304	894	1 390	1 110	333	310	355	323	337	537	1938
1939	337	320	338	393	373	340	323	304	284	---	---	---	---	1939
1958	---	---	384	388	338	250	250	178	234	187	185	185	---	1958
1959	211	256	281	271	224	224	228	220	232	388	383	381	288	1959
1960	387	380	385	384	338	302	288	281	287	275	270	285	311	1960
1961	282	281	284	238	233	214	228	232	248	278	284	358	258	1961
1962	383	383	388	374	332	1 030	772	1 050	787	542	385	407	571	1962
1963	380	388	338	350	380	398	538	576	400	422	408	418	414	1963
1964	420	422	381	388	323	428	848	440	543	1 010	828	478	524	1964
1965	481	518	587	535	642	848	775	388	388	585	888	841	630	1965
1966	624	674	758	871	1 180	1 220	857	388	411	400	415	401	700	1966
1967	381	378	408	381	308	383	448	380	345	358	388	377	371	1967
1968	387	384	318	238	184	808	804	881	783	718	893	701	578	1968
1969	685	783	828	702	488	728	817	578	514	478	488	888	888	1969
1970	888	887	883	834	717	1 320	1 120	471	442	448	883	714	880	1970
1971	788	745	888	828	438	413	387	317	278	323	888	1 000	870	1971
1972	781	888	707	787	858	385	234	263	278	387	388	488	488	1972
1973	432	483	408	241	184	172	142	188	302	481	848	885	338	1973
1974	848	838	833	818	818	1 128	1 010	395	387	448	488	884	828	1974
1975	885	805	844	887	488	423	732	422	288	287	381	818	483	1975
1976	455	458	425	447	287	219	204	208	204	191	148	171	284	1976
1977	277	234	188	88.3	76.4	89.0	71.8	72.3	195	845	808	874	300	1977
1978	788	887	883	805	338	844	708	487	883	488	485	481	871	1978
1979	483	482	441	513	877	908	811	378	335	334	285	315	485	1979
1980	348	418	475	381	183	111	124	121	128	118	224	388	251	1980
1981	423	408	288	185	123	248	283	181	214	283	381	358	274	1981
1982	487	488	332	284	378	877	518	481	385	445	588	737	477	1982
1983	753	885	838	571	302	202	280	284	285	372	451	483	439	1983
1984	538	587	844	434	388	448	483	388	314	308	324	388	417	1984
1985	387	404	434	428	872	1 010	1 110	882	725	852	830	883	874	1985
1986	583	828	878	552	835	714	428	380	330	413	401	388	827	1986
1987	388	403	408	359	188	114	88.8	130	118	180	284	328	243	1987
1988	340	383	385	181	123	84.2	83.7	84.4	188	344	388	390	233	1988
MEAN	388	395	407	422	438	488	485	388	348	371	388	382	414	MEAN

LOCATION - LAT. 50 07 00 N
LONG 94 52 15 W

REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	629 ON JUL 18	189 ON FEB 15	11 300 000	1914
1915	---	708 ON JUL 8	275 ON DEC 8	12 400 000	1915
1916	---	1 160 ON JUL 20	281 ON JAN 25	21 300 000	1916
1917	---	614 ON MAR 27	178 ON JUL 24	10 400 000	1917
1918	---	348 ON MAR 31	189 ON AUG 19	6 820 000	1918
1919	---	831 ON JUL 11	180 ON FEB 19	13 300 000	1919
1920	---	863 ON MAY 28	188 E ON DEC 1	12 300 000	1920
1921	---	643 ON MAY 16	218 E ON FEB 1	10 200 000	1921
1922	---	758 ON MAY 18	210 ON DEC 27	11 800 000	1922
1923	---	880 ON APR 7	188 ON JAN 22	10 300 000	1923
1924	---	317 ON MAY 18	238 ON JAN 1	9 080 000	1924
1925	---	288 ON JAN 3	147 ON MAR 28	5 770 000	1925
1926	---	852 ON NOV 7	183 ON JAN 1	11 200 000	1926
1927	---	1 570 ON JUN 3 *	238 ON DEC 28	25 800 000	1927
1928	---	773 ON JUL 21	258 ON JAN 28	14 400 000	1928
1929	---	826 ON MAR 23	254 ON JUL 28	13 400 000	1929
1930	---	388 ON JAN 18	153 ON NOV 8	8 370 000	1930
1931	---	185 ON APR 11	71.8 ON SEP 9	3 180 000	1931
1932	---	328 ON NOV 12	71.8 ON APR 4	5 320 000	1932
1933	---	847 ON APR 30	181 ON JUL 4	10 800 000	1933
1934	---	453 ON MAY 5	222 ON SEP 4	10 800 000	1934
1935	---	840 ON JUL 28	178 ON MAR 4	10 800 000	1935
1936	---	518 ON MAR 8	207 ON JAN 7	11 800 000	1936
1937	---	785 ON AUG 2	297 ON JAN 28	13 200 000	1937
1938	---	1 430 ON MAY 26	242 ON SEP 8	16 900 000	1938
1939	---	432 ON APR 23	258 ON AUG 8	---	1939
1988	---	---	---	---	1988
1989	---	513 ON DEC 15	0 ON AUG 3 *	5 480 000	1989
1980	---	458 ON APR 28	138 ON SEP 13	8 850 000	1980
1981	---	418 ON DEC 8	68.8 ON JUN 15	6 080 000	1981
1982	---	1 330 ON AUG 28	187 ON MAY 27	18 000 000	1982
1983	---	782 ON JUL 8	241 ON MAR 31	13 000 000	1983
1984	---	1 300 ON OCT 15	140 ON MAY 17	18 800 000	1984
1985	---	1 070 ON NOV 10	248 ON SEP 8	15 900 000	1985
1986	---	1 280 ON JUL 3	283 ON AUG 23	22 100 000	1986
1987	---	844 ON JUL 11	178 ON SEP 28	11 700 000	1987
1988	---	1 130 ON AUG 8	183 ON MAY 31	16 300 000	1988
1989	---	823 ON JUN 30	259 ON AUG 3	13 200 000	1989
1970	---	1 380 ON JUN 17	300 ON SEP 8	21 400 000	1970
1971	---	1 160 ON DEC 8	182 ON OCT 28	18 000 000	1971
1972	---	807 ON JAN 1	180 ON AUG 7	15 500 000	1972
1973	---	877 ON NOV 25	74.5 ON AUG 7	10 700 000	1973
1974	---	1 180 ON JUN 17	288 ON AUG 28	18 800 000	1974
1975	---	871 ON JUL 17	181 ON SEP 21	18 300 000	1975
1976	---	801 ON FEB 18	34.8 ON DEC 4	4 880 000	1976
1977	---	988 ON DEC 3	0 ON AUG 8	5 480 000	1977
1978	---	881 ON JUL 4	181 ON JUN 4	18 000 000	1978
1979	---	990 ON MAY 29	180 ON AUG 13	16 300 000	1979
1980	---	555 ON MAR 13	0 ON MAY 24	7 840 000	1980
1981	---	518 ON JAN 5	48.1 ON MAY 10	8 830 000	1981
1982	---	788 ON DEC 31	234 ON MAR 20	15 100 000	1982
1983	---	785 ON JAN 1	135 ON JUN 22	13 600 000	1983
1984	---	597 ON MAR 28	167 ON SEP 30	13 200 000	1984
1985	---	1 180 ON JUL 18	285 ON JAN 13	21 300 000	1985
1986	---	880 ON MAY 31	288 ON AUG 27	16 800 000	1986
1987	---	471 ON MAR 9	0 ON JUN 17	7 870 000	1987
1988	---	487 ON NOV 8	18.2 ON JUN 21	7 370 000	1988
			MEAN	13 100 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1892	---	---	---	---	---	---	---	---	---	537	723	601	---	1892
1893	498	423	388	357	482	853	715	588	595	488	395	332	500	1893
1894	289	262	228	238	455	855	784	705	586	480	430	341	484	1894
1895	312	282	263	280	315	424	551	570	529	468	409	385	385	1895
1896	311	272	240	307	588	848	1 050	883	672	739	638	598	630	1896
1897	527	470	422	521	770	888	1 020	1 070	976	820	677	584	728	1897
1898	471	387	340	312	317	383	507	587	537	548	432	384	438	1898
1899	408	408	387	483	785	987	1 100 R	1 090	987	426	354	484	856 R	1899
1900	508	483	418	284	278	273	271	271	318	827	1 120	1 120	514	1900
1901	1 020	890	760	404	622	777	811	858	387	357	324	315	610	1901
1902	311	301	281	284	328	747	838	856	423	408	404	400	442	1902
1903	395	388	374	378	827	898	833	855	429	404	388	380	522	1903
1904	373	365	362	388	418	458	478	478	458	420	432	335	411	1904
1905	328	323	321	328	348	384	678	1 070	1 040	747	430	421	537	1905
1906	420	412	408	482	840	705	858	830	487	400	384	333	613	1906
1907	334	318	301	281	318	388	398	369	484	589	597	559	413	1907
1908	543	516	481	478	523	846	817	875	815	437	382	300	600	1908
1909	282	284	308	308	313	333	338	331	338	340	340	338	321	1909
1910	330	334	404	528	889	818	481	376	333	288	249	230	413	1910
1911	218	201	194	255	248	283	248	226	190	188	189	187	210	1911
1912	187	184	170	178	184	184	138	154	154	275	311	328	187	1912
1913	327	271	198	242	520	588	425	422	361	232	228	228	338	1913
1914	227	237	282	277	348	523	884	615	383	326	281	274	385	1914
1915	288	280	273	407	618	857	708	680	358	288	285	284	402	1915
1916	272	385	425	514	805	1 110	1 180	1 030	833	717	678	481	704	1916
1917	436	840	803	567	383	244	181	188	181	208	208	202	327	1917
1918	208	210	318	218	185	201	178	172	188	218	213	218	211	1918
1919	192	182	388	512	328	320	841	782	647	480	340	288	438	1919
1920	288	333	448	518	844	807	848	380	310	237	198	185	380	1920
1921	230	218	238	580	618	883	288	234	247	248	280	237	314	1921
1922	217	229	223	438	898	888	481	390	334	244	233	211	361	1922
1923	192	188	400	817	424	314	310	308	289	293	283	283	328	1923
1924	271	278	278	288	288	288	283	278	267	288	277	267	278	1924
1925	237	188	180	182	138	181	138	184	171	185	172	188	188	1925
1926	172	185	170	288	283	278	424	281	261	884	648	487	324	1926
1927	481	842	888	838	1 330	1 430	1 410	1 030	853	317	324	288	762	1927
1928	274	384	405	438	340	443	820	328	281	817	881	488	428	1928
1929	438	470	588	484	337	288	288	307	331	322	348	325	371	1929
1930	313	282	271	274	320	237	242	242	185	170	141	185	228	1930
1931	88.2	88.0	88.5	122	77.4	80.4	86.1	86.4	84.4	86.3	84.3	81.8	82.2	1931
1932	88.1	88.1	87.7	84.4	127	110	148	148	181	284	288	188	147	1932
1933	208	236	386	858	340	181	208	285	261	278	324	315	307	1933
1934	338	342	380	332	332	282	251	232	229	310	312	307	303	1934
1935	280	282	278	288	288	284	477	287	305	304	282	280	288	1935
1936	324	401	448	327	327	331	321	340	323	340	323	310	343	1936
1937	282	288	300	318	301	282	454	886	448	388	363	348	388	1937
1938	281	288	288	280	1 130	1 310	885	267	313	308	308	288	482	1938
1939	273	271	333	382	311	305	278	287	288	258	281	288	288	1939
1940	284	234	266	277	228	228	220	198	211	328	210	184	228	1940
1941	208	208	224	231	238	203	256	282	421	1 300	1 140	708	483	1941
1942	608	389	373	348	384	422	337	304	808	328	331	320	388	1942
1943	326	384	430	347	718	1 270	1 220	413	328	341	345	340	540	1943
1944	338	341	322	312	278	1 080	1 040	1 110	1 100	307	412	884	803	1944
1945	503	480	444	887	1 080	886	344	318	338	307	388	322	486	1945
1946	341	348	358	806	788	381	338	335	280	315	333	324	384	1946
1947	381	448	484	488	488	1 100	800	448	388	413	382	385	620	1947
1948	378	382	485	804	1 020	434	383	388	382	381	383	308	451	1948
1949	310	321	323	314	282	230	228	298	338	334	351	344	308	1949
1950	356	384	380	387	1 170	1 480	1 580	1 530	1 220	808	433	537	641	1950
1951	535	542	538	534	1 010	734	418	318	324	367	381	528	519	1951
1952	800	542	521	448	288	248	318	380	338	307	288	328	384	1952
1953	288	280	282	238	188	207	343	338	339	344	333	315	282	1953
1954	287	318	438	480	858	1 300	745	348	342	338	321	278	611	1954
1955	277	284	282	258	281	187	254	288	271	235	283	330	287	1955
1956	338	478	808	730	853	834	418	380	328	324	311	345	483	1956
1957	428	382	314	284	277	288	723	334	288	337	368	393	383	1957
1958	388	388	384	320	305	224	181	172	231	178	188	178	288	1958
1959	187	233	235	244	180	172	173	202	232	338	331	388	241	1959
1960	381	358	347	308	302	282	272	278	283	283	282	234	288	1960
1961	222	223	238	184	200	202	208	232	231	248	288	337	238	1961
1962	338	388	388	328	274	1 230	788	1 200	788	542	388	388	681	1962
1963	371	338	321	308	317	382	810	658	374	400	395	385	388	1963
1964	398	388	344	318	283	417	810	388	681	1 080	638	458	520	1964
1965	473	512	587	510	518	878	885	382	373	851	821	574	611	1965
1966	858	703	828	1 040	1 380	1 380	832	418	422	434	444	418	788	1966
1967	400	388	423	330	307	388	472	388	377	388	395	388	387	1967
1968	380	387	328	307	187	884	1 100	872	820	784	852	701	617	1968
1969	708	841	848	717	480	818	484	822	852	807	841	814	841	1969
1970	821	823	822	538	778	1 230	1 190	438	457	448	818	787	702	1970
1971	818	801	738	823	438	417	383	334	281	338	1 070	1 020	801	1971
1972	847	743	788	837	850	387	288	284	382	388	421	428	823	1972
1973	484	472	418	330	170	171	140	143	278	424	880	877	385	1973
1974	888	887	882	878	888	1 280	1 040	388	402	480	818	888	849	1974
1975	887	838	880	810	488	414	778	417	284	288	385	424	488	1975
1976	472	473	428	423	298	227	238	227	228	188	188	201	288	1976
1977	284	288	170	88.1	88.8	82.1	82.5	82.8	188	700	884	824	311	1977
1978	783	888	878	888	388	888	738	484	888	482	477	478	671	1978
1979	483	480	441	488	822	884	807	388	381	328	310	311	487	1979
1980	381	415	478	383	188	112	110	111	112	114	212	383	248	1980
1981	423	411	287	184	113	221	383	172	200	288	312	387	288	1981
1982	478	483	314	282	280	700	481	482	378	484	885	784	478	1982
1983	748	883	803	828	378	178	287	287	304	404	473	482	438	1983
1984	883	872	885	434	388	482	483	378	338	303	344	383	428	1984

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WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1882	...	...	...	...	1882
1883	...	...	...	...	1883
1884	...	725 ON JUL 17	397 ON DEC 31	15 600 000	1884
		778 ON JUL 17	201 ON APR 8	14 300 000	
1885	...				1885
1886	...	580 ON JUL 28	237 ON MAR 31	12 500 000	1886
1887	...	1 070 ON JUL 7	221 ON MAR 29	18 900 000	1887
1888	...	1 080 ON JUL 28	394 ON MAR 21	23 000 000	1888
1889	...	885 ON OCT 8	288 ON NOV 20	13 800 000	1889
		1 130 ON JUL 17	328 ON OCT 22	20 700 000R	
1890	...				1890
1891	...	1 140 ON NOV 20	244 ON JUL 22	18 200 000	1891
1892	...	1 080 ON JAN 1	284 ON DEC 22	18 200 000	1892
1893	...	848 ON JUL 4	273 ON MAR 8	14 000 000	1893
1894	...	946 ON MAY 25	343 ON APR 6	18 500 000	1894
		843 ON NOV 5	311 ON DEC 25	13 000 000	
1895	...				1895
1896	...	1 110 ON AUG 21	300 ON MAR 18	18 800 000	1896
1897	...	884 ON APR 30	303 ON DEC 30	18 200 000	1897
1898	...	814 ON OCT 28	286 ON MAR 31	13 000 000	1898
1899	...	877 ON JUN 14	286 ON DEC 18	18 800 000	1899
		384 ON SEP 26	286 ON JAN 24	10 100 000	
1900	...				1900
1901	...	714 ON MAY 4	217 ON DEC 18	13 000 000	1901
1902	...	285 ON JUN 27	144 ON DEC 3	5 520 000	1902
1903	...	340 ON NOV 26	125 ON JUL 21	5 240 000	1903
1904	...	892 ON JUN 6	188 ON APR 5	10 600 000	1904
		880 ON JUL 18	200 ON JAN 25	11 200 000	
1905	...				1905
1906	...	745 ON JUL 28	246 ON APR 4	12 700 000	1906
1907	...	1 230 ON JUN 30	227 ON JAN 15	22 300 000	1907
1908	...	851 ON MAR 17	140 ON JUL 1	10 300 000	1908
1909	...	498 ON MAR 28	143 ON APR 14	5 680 000	1909
		812 ON JUL 8	180 ON JAN 19	13 700 000	
1910	...				1910
1911	...	577 ON MAY 25	188 ON DEC 25	12 300 000	1911
1912	...	871 ON MAY 12	177 ON DEC 25	9 800 000	1912
1913	...	731 ON MAY 18	152 ON DEC 10	11 400 000	1913
1914	...	731 ON APR 6	154 ON JAN 28	10 200 000	1914
		320 ON AUG 20	138 ON SEP 1	8 700 000	
1915	...				1915
1916	...	288 ON JAN 1	23.0 ON JUL 1	5 220 000	1916
1917	...	847 ON OCT 23	26.0 ON JUL 1	10 600 000	1917
1918	...	1 480 ON JUN 27	68.5 ON DEC 25	23 700 000	1918
1919	...	930 ON JUN 26	41.8 ON SEP 8	13 600 000	1919
		851 ON MAR 13	82.7 ON JUN 30	11 700 000	
1920	...				1920
1921	...	382 ON JAN 17	34.8 ON OCT 19	7 200 000	1921
1922	...	287 ON APR 1	34.0 ON OCT 4	2 810 000	1922
1923	...	328 ON NOV 17	32.5 ON JUN 18	4 680 000	1923
1924	...	783 ON APR 17	32.0 ON OCT 8	8 670 000	1924
		405 ON FEB 6	34.8 ON NOV 4	8 680 000	
1925	...				1925
1926	...	714 ON JUL 25	38.8 ON MAY 25	9 410 000	1926
1927	...	572 ON FEB 28	51.3 ON AUG 30	10 800 000	1927
1928	...	726 ON AUG 6	54.8 ON JUN 13	11 800 000	1928
1929	...	1 370 ON MAY 31	43.0 ON APR 15	15 500 000	1929
		438 ON APR 4	4.81 ON AUG 6 *	8 080 000	
1930	...				1930
1931	...	340 ON JAN 4	51.5 ON JAN 21	7 200 000	1931
1932	...	1 410 ON OCT 14	47.3 ON JUL 1	14 300 000	1932
1933	...	788 ON SEP 22	55.6 ON DEC 25	12 300 000	1933
1934	...	1 380 ON JUL 2	51.2 ON SEP 6	17 000 000	1934
		1 370 ON AUG 17	53.2 ON MAY 21	18 100 000	
1935	...				1935
1936	...	1 380 ON APR 28	52.0 ON OCT 14	15 600 000	1936
1937	...	908 ON MAY 27	57.1 ON JUL 1	12 400 000	1937
1938	...	1 380 ON JUN 20	76.7 ON JAN 1	18 400 000	1938
1939	...	1 320 ON MAY 10	80.4 ON SEP 6	14 300 000	1939
		388 ON DEC 30	55.8 ON JUN 18	8 640 000	
1940	...				1940
1941	...	1 580 ON JUL 31 *	215 ON NOV 18	25 800 000	1941
1942	...	1 050 ON MAY 10	132 ON OCT 7	18 400 000	1942
1943	...	885 ON JAN 8	88.2 ON JUL 1	12 100 000	1943
1944	...	395 ON SEP 30	77.8 ON FEB 1	8 200 000	1944
		1 380 ON JUN 8	89.7 ON JAN 1	18 100 000	
1945	...				1945
1946	...	374 ON DEC 30	98.3 ON JUN 18	8 420 000	1946
1947	...	788 ON MAY 8	118 ON SEP 3	14 300 000	1947
1948	...	484 ON AUG 1	15.5 ON SEP 15	11 400 000	1948
1949	...	418 ON JAN 3	51.3 ON OCT 6	8 130 000	1949
		402 ON NOV 11	89.1 ON JUL 28	7 800 000	
1950	...				1950
1951	...	388 ON JAN 8	81.0 ON DEC 4	8 350 000	1951
1952	...	378 ON DEC 12	88.8 ON JUN 4	7 420 000	1952
1953	...	1 380 ON AUG 15	76.3 ON MAY 21	18 300 000	1953
1954	...	753 ON JUL 4	82.0 ON APR 28	12 200 000	1954
		1 370 ON OCT 8	144 ON MAY 3	18 500 000	
1955	...				1955
1956	...	1 140 ON OCT 21	183 ON AUG 28	18 300 000	1956
1957	...	1 400 ON MAY 24	292 ON AUG 31	23 800 000	1957
1958	...	555 ON JUL 8	222 ON SEP 4	12 200 000	1958
1959	...	1 380 ON JUL 22	140 ON APR 14	18 500 000	1959
		885 ON JUN 13	183 ON MAY 28	20 200 000	
1960	...				1960
1961	...	1 380 ON JUN 17	303 ON SEP 7	22 100 000	1961
1962	...	1 280 ON NOV 28	231 ON SEP 8	18 000 000	1962
1963	...	864 ON FEB 11	212 ON JUL 1	18 500 000	1963
1964	...	891 ON NOV 10	125 ON JUL 28	10 800 000	1964
		1 370 ON JUN 17	340 ON AUG 18	20 500 000	
1965	...				1965
1966	...	1 170 ON JUL 12	278 ON SEP 7	15 800 000	1966
1967	...	488 ON FEB 18	183 ON NOV 14	9 240 000	1967
1968	...	1 100 ON NOV 28	88.7 ON JUN 18	9 800 000	1968
1969	...	808 ON JUL 4	222 ON MAY 31	18 000 000	1969
		1 000 ON JUN 13	284 ON DEC 20	16 400 000	
1970	...				1970
1971	...	488 ON FEB 19	70.3 ON JUL 1	7 630 000	1971
1972	...	438 ON JAN 29	101 ON MAY 6	8 500 000	1972
1973	...	784 ON DEC 22	228 ON APR 11	15 100 000	1973
1974	...	778 ON JAN 15	188 ON JUN 9	13 700 000	1974
		581 ON MAR 23	289 ON OCT 26	13 500 000	

CONTINUED

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	382	433	458	416	771	1 020	1 170	634	743	885	813	595	699	1985
1986	586	642	885	489	888	871	426	376	306	409	388	398	624	1986
1987	397	397	388	336	167	125	99.9	136	128	179	262	336	246	1987
1988	348	382	372	188	123	107	99.7	99.6	196	386	400	417	247	1988
MEAN	384	385	382	400	483	528	523 R	433	401	403	408	391	426 R	MEAN

LOCATION - LAT 48 47 00 N LONG 94 30 50 W DRAINAGE AREA, 70 400 km² REGULATED

R - REVISED SINCE JAN 01 1987

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE OUTLETS OF THE LAKE OF THE WOODS

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1985	---	1 240 ON JUL 3	348 ON JAN 10	22 000 000	1985
1986	---	1 040 ON JUN 2	295 ON SEP 1	15 500 000	1986
1987	---	401 ON MAR 30	99.3 ON JUL 12	7 750 000	1987
1988	---	424 ON DEC 21	98.3 ON JUN 7	7 820 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		13 400 000R	MEAN

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	334	316	301	291	316	396	396	364	486	573	581	541	407	1907
1908	527	495	474	463	506	628	598	556	496	419	345	281	483	1908
1909	282	261	286	278	287	313	317	314	316	313	311	307	297	1909
1910	298	306	376	594	686	593	436	364	309	258	216	194	384	1910
1911	183	166	163	223	216	226	226	204	160	134	122	121	178	1911
1912	120	126	132	140	150	123	110	123	133	247	278	282	186	1912
1913	288	236	184	218	468	638	398	402	337	187	194	193	308	1913
1914	198	208	284	266	326	498	542	490	356	287	264	246	328	1914
1915	287	281	248	381	483	534	662	541	330	283	247	246	374	1915
1916	242	368	400	490	672	1 080	1 130	980	801	686	542	480	670	1916
1917	388	503	570	650	324	212	151	188	170	170	171	184	284	1917
1918	186	171	281	183	186	188	183	166	176	181	177	176	180	1918
1919	182	183	373	484	393	296	808	766	621	445	303	282	407	1919
1920	288	312	436	487	618	577	631	342	292	209	176	186	386	1920
1921	207	186	215	868	596	377	270	216	221	216	212	202	281	1921
1922	187	208	204	416	676	639	442	371	304	212	180	177	337	1922
1923	183	184	316	613	326	222	224	211	183	181	182	182	238	1923
1924	181	186	181	146	187	186	186	183	182	---	---	---	---	1924
MEAN	248	258	287	371	418	420	420	373	320	284	265	245	336	MEAN

LOCATION - LAT 48 48 15 N LONG 94 33 00 W REGULATED

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1907	---	597 ON OCT 25	286 ON MAR 31	12 800 000	1907
1908	---	650 ON JUN 14	267 ON DEC 19	15 300 000	1908
1909	---	323 ON AUG 25	249 ON JAN 24	9 380 000	1909
1910	---	680 ON MAY 4	188 ON DEC 27	12 100 000	1910
1911	---	233 ON JUN 28	121 ON NOV 3	5 640 000	1911
1912	---	305 ON NOV 28	100 ON JUL 2 *	5 200 000	1912
1913	---	585 ON JUN 12	147 ON MAR 31	9 610 000	1913
1914	---	585 ON JUL 15	174 ON JAN 25	10 400 000	1914
1915	---	715 ON JUL 28	224 ON DEC 25	11 800 000	1915
1916	---	1 170 ON JUL 10 *	202 ON JAN 15	21 200 000	1916
1917	---	614 ON MAR 14	122 ON JUN 24	9 280 000	1917
1918	---	466 ON MAR 28	121 ON FEB 17	5 670 000	1918
1919	---	878 ON JUL 8	140 ON JAN 1	12 800 000	1918
1920	---	848 ON MAY 25	137 ON DEC 25	11 800 000	1920
1921	---	848 ON MAY 12	157 ON DEC 28	9 180 000	1921
1922	---	706 ON MAY 18	131 ON DEC 10	10 800 000	1922
1923	---	817 ON APR 5	138 ON FEB 18	7 630 000	1923
1924	---	178 ON JUL 3	117 ON APR 5	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 800 000	MEAN

WIXON CREEK BELOW ALTONA - STATION NO. 02HC045

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	0.315	0.287	0.204	0.111	0.108	0.072	0.078	0.077	0.088	0.080	---	1974
1975	0.128	0.328	0.287	0.283	0.122	0.083	0.055	0.050	0.062	0.072	0.087	0.087	0.134	1975
1976	0.083	0.148	0.451	0.170	0.144	0.088	0.115	0.084	0.074	0.085	0.080	0.078	0.133	1976
1977	0.061	0.080	0.344	0.127	0.085	0.058	0.080	0.084	0.122	0.128	0.185	0.181	0.118	1977
1978	0.153	0.110	0.147	0.482	0.280	0.088	0.085	0.085	0.104	0.108	0.111	0.100	0.152	1978
1979	0.147	0.105	0.878	0.251	0.136	0.090	0.077	0.088	0.084	0.122	0.143	0.178	0.178	1979
1980	0.148	0.081	0.430	0.300	0.110	0.101	0.115	0.078	0.098	0.123	0.112	0.148	0.152	1980
1981	0.091	0.488	0.141	0.135	0.118	0.080	0.071	0.124	0.125	0.148	0.145	0.107	0.145	1981
1982	0.094	0.077	0.301	0.413	---	---	---	---	---	---	---	---	---	1982
MEAN	0.114	0.169	0.341	0.268	0.145	0.088	0.083	0.078	0.093	0.108	0.118	0.120	0.144	MEAN

LOCATION - LAT 43 57 38 N, LONG 78 10 57 W. DRAINAGE AREA, 10.8 km². NATURAL FLOW

WIXON CREEK BELOW ALTONA - STATION NO. 02HC045

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	1.78A ON APR 14	0.085 ON AUG 15	---	1974
1975	10.5 AT 19:26 EST ON FEB 24 *	4.73 ON FEB 24 *	0.034 ON JUL 29 *	4 220	1975
1976	5.84 AT 04:08 EST ON MAR 21	3.34 ON MAR 21	0.042 ON AUG 22	4 180	1976
1977	5.31 AT 05:08 EST ON MAR 13	2.56 ON MAR 13	0.034 ON JUL 28	3 730	1977
1978	5.48 AT 14:14 EST ON MAY 14	2.81 ON APR 7	0.081 ON JUL 28	4 780	1978
1979	5.26 AT 08:15 EST ON MAR 14	2.73 ON MAR 14	0.086 ON JUL 30	5 640	1979
1980	7.71 AT 15:29 EST ON MAR 21	4.80B ON MAR 21	0.040B ON MAR 15	4 810	1980
1981	4.29E AT 15:50 EST ON FEB 20	2.48E ON FEB 20	0.053 ON JUL 13	4 550	1981
1982	8.09 AT 14:27 EST ON MAR 31	3.88 ON MAR 31	---	---	1982
				4 550	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	5.35	4.05	3.75	27.9	47.8	18.3	4.63	1.81	1.56	7.00	14.8	6.07	12.0	1971
1972	2.76	1.77	2.15	6.77	38.4	11.3	7.29	4.29	2.12	0.882	2.26	1.41	6.84	1972
1973	1.08	0.780	1.38	17.5	18.5	8.84	5.11	5.12	10.5	5.98	10.4	6.86	8.18	1973
1974	2.48	1.47	0.959	16.1	41.4	20.8	9.73	5.89	5.47	7.30	8.88	4.08	10.3	1974
1975	3.44	2.38	2.10	10.7	27.8	15.1	4.83	1.70	1.26	2.88	4.17	3.84	6.87	1975
1976	1.78	1.43	1.48	41.1	18.8	11.8	5.12	1.72	0.713	0.859	0.741	0.529	7.18	1976
1977	0.407	0.423	2.32	20.0	11.8	6.23	7.35	2.76	20.2	18.4	11.7	6.38	9.18	1977
1978	2.18	0.467	0.553	5.84	21.0	11.7	3.42	2.20	1.88	1.74	1.01	0.751	4.43	1978
1979	0.481	0.418	0.814	15.8	37.8	7.83	2.39	1.14	0.749	0.883	2.88	1.84	8.04	1979
1980	1.30	1.00	0.848	15.0	17.0	3.33	2.84	1.88	12.7	8.73	7.71	3.31	8.37	1980
1981	1.83	1.71	1.75	18.2	14.2	13.6	6.23	1.58	0.736	1.87	1.81	0.925	5.37	1981
1982	0.578	0.438	0.403	6.02	23.8	8.42	4.80	2.31	1.81	11.3	10.7	6.82	8.40	1982
1983	2.26	1.28	2.32	8.50	22.6	8.87	5.08	1.46	0.850	6.26	7.18	5.35	6.12	1983
1984	2.18	1.89	0.952	12.9	16.1	15.2	8.68	4.83	2.40	4.23	5.16	7.38	7.08	1984
1985	2.68	0.888	1.28	9.42	18.8	11.5	5.33	4.72	8.77	17.3	11.4	4.12	7.88	1985
1986	2.22	1.88	1.59	19.1	22.7	8.41	4.34	2.82	1.43	2.08	4.25	2.80	6.81	1986
1987	1.21	1.03	1.44	4.21	3.18	2.30	0.787	2.31	2.14	3.48	3.28	2.18	2.30	1987
1988	1.10	0.900	0.888	8.53	8.18	4.01	2.89	10.8	8.24	8.83	14.7	7.32	6.43	1988
MEAN	1.97	1.34	1.48	14.7	22.8	10.3	5.18	3.37	4.58	6.38	6.71	3.88	6.82	MEAN

LOCATION - LAT 48 48 18 N, LONG 88 32 07 W. DRAINAGE AREA, 736 km². NATURAL FLOW

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	179 AT 07:48 EST ON MAY 26 *	174 ON MAY 26 *	1.10 ON SEP 4	377 000	1971
1972	84.8 AT 18:46 EST ON MAY 3	86.7 ON MAY 3	0.184 ON OCT 2 *	210 000	1972
1973	86.3 AT 06:42 EST ON APR 23	57.2 ON APR 23	0.7088 ON FEB 18	257 000	1973
1974	72.2 AT 07:29 EST ON APR 28	58.9 ON APR 28	0.8818 ON MAR 18	325 000	1974
1975	58.6 AT 00:21 EST ON MAY 3	57.6 ON MAY 3	0.903 ON OCT 7	210 000	1975
1976	126 AT 05:10 EST ON APR 20	118 ON APR 20	0.4338 ON DEC 31	228 000	1976
1977	66.1 AT 05:37 EST ON SEP 11	54.1 ON SEP 11	0.3888 ON FEB 1	288 000	1977
1978	64.6 AT 05:33 EST ON APR 30	42.8 ON APR 30	0.4308 ON MAR 18	140 000	1978
1979	83.6 AT 11:14 EST ON MAY 12	81.5 ON MAY 12	0.3888 ON FEB 17	180 000	1979
1980	81.7 AT 04:44 EST ON APR 24	48.9 ON APR 24	0.8028 ON MAR 17	201 000	1980
1981	28.8 AT 06:58 EST ON APR 19	28.1 ON APR 19	0.475 ON DEC 31	188 000	1981
1982	49.6 AT 07:23 EST ON APR 27	47.3 ON APR 27	0.3888 ON MAR 8	202 000	1982
1983	47.0 AT 03:20 EST ON APR 30	45.9 ON APR 29	0.698 ON SEP 8	193 000	1983
1984	38.7 AT 22:44 EST ON MAY 10	38.4 ON MAY 11	0.8108 ON MAR 26	224 000	1984
1985	37.1 AT 18:43 EST ON OCT 6	35.1 ON OCT 6	0.7808 ON FEB 18	252 000	1985
1986	88.7 AT 14:37 EST ON MAY 2	56.6 ON MAY 2	1.08 B ON FEB 11	186 000	1986
1987	8.88 AT 11:37 EST ON APR 12	8.66 ON APR 12	0.428 ON JAN 21	72 500	1987
1988	---	28.1 ON NOV 18	0.762 ON FEB 26	203 000	1988
				216 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.013	0.122	---	1953
1954	0.276	1.82	1.85	0.984	0.109	0.004	0.008	0	0	0.802	0.178	0.838	0.555	1954
1955	0.819	0.553	2.18	0.474	0.073	0	0.037	0	0	---	---	---	---	1955
1956	---	---	3.76	1.02	1.14	0.120	0.184	---	---	---	---	---	---	1956
1957	---	---	0.762	0.713	0.475	---	---	---	---	---	---	---	---	1957
1958	---	---	0.883	0.274	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.39	0.988	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	1.78	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.884	0.870	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.388	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.373	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.808	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	1.80	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.882	0.843	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	1.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.243	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	1.01	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	0.920	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	0.713	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	1.10	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	0.412	---	---	---	---	---	---	---	---	---	1973
1974	---	---	1.41	0.708	0.834	0.184	0.073	0	0	0.008	0.078	0.046	---	1974
1975	0.682	0.702	1.52	1.07	0.102	0.101	0.008	0.018	0.055	0.003	0.053	0.485	0.388	1975
1976	0.188	2.05	2.24	0.450	0.457	0.030	0.481	0.320	0.305	0.170	0.551	0.127	0.612	1976
1977	0.042	0.123	4.62	0.627	0.033	0.011	0.008	0.036	0.828	0.788	0.883	1.38	0.772	1977
1978	0.281	0.182	0.954	2.83	0.186	0.042	0	0	0.010	0.082	0.094	0.186	0.385	1978
1979	0.345	0.048	1.59	1.43	0.288	0.047	0.008	0.002	0.002	0.010	0.387	0.788	0.411	1979
1980	0.358	0.047	1.14	0.888	0.141	0.081	0.538	0.024	0.040	0.108	0.052	0.703	0.345	1980
1981	0.045	2.50	0.448	0.567	0.191	0.188	0.021	0.005	0.387	0.853	0.361	0.278	0.471	1981
1982	0.230	0.050	2.18	1.38	0.287	0.257	0.017	0.010	0.105	0.034	1.42	1.78	0.851	1982
1983	0.331	0.834	0.467	0.722	1.01	0.264	0.068	0.227	0.020	0.043	0.388	1.10	0.438	1983
1984	0.087	2.08	1.08	0.452	0.252	0.743	0.317	0.030	0.614	0.072	0.491	0.836	0.578	1984
1985	0.471	2.28	2.55	0.958	0.043	0.185	0.034	0.171	0.387	0.874	1.23	0.575	0.788	1985
1986	0.782	0.283	2.00	0.354	0.218	0.220	0.074	0.044	1.05	0.988	0.351	0.595	0.584	1986
1987	0.246	0.047	1.43	0.782	0.183	0.086	0.014	0.008	0.005	0.022	0.292	1.10	0.383	1987
1988	0.137	0.183	1.04	0.476	0.095	0.007	0.005	0.008	0.028	0.304	0.885	0.420	0.287	1988
MEAN	0.333	0.852	1.86	0.848	0.320	0.138	0.106	0.053	0.219	0.287	0.442	0.870	0.510	MEAN

LOCATION - LAT 43 05 30 N LONG 81 09 03 W DRAINAGE AREA, 38.8 km² NATURAL FLOW

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	18.3 ON MAR 1	0 ON MAY 31 *	17 800	1954
1955	---	14.4 ON MAR 11	0 ON MAY 27	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	23.4 AT 03:41 EST ON MAR 5	10.8 ON MAR 5	0 ON JUL 18	---	1974
1975	16.3 AT 07:49 EST ON APR 19	8.61 ON APR 19	0 ON MAY 29	12 600	1975
1976	83.1 AT 18:25 EST ON MAR 5 *	24.8 ON MAR 5	0.001 ON JUN 23	19 300	1976
1977	42.5 AT 03:11 EST ON MAR 13	32.3 ON MAR 10 *	0 ON JUN 23	24 300	1977
1978	36.8 AT 17:36 EST ON APR 1	13.8 ON APR 1	0 ON JUL 1	12 500	1978
1979	20.2 AT 02:28 EST ON APR 14	11.4 ON APR 14	0 ON JUL 8	13 000	1979
1980	42.5 AT 04:27 EST ON JUL 8	11.3 ON JUL 8	0.002 ON JUN 27	10 800	1980
1981	18.4 AT 03:20 EST ON FEB 23	11.4 ON FEB 23	0 ON JUL 16	14 900	1981
1982	23.4 AT 11:07 EST ON DEC 25	18.0 E ON MAR 31	0 ON JUL 25	20 600	1982
1983	11.4 AT 20:48 EST ON MAY 2	8.18 ON MAY 2	0.001 ON JUL 28	13 800	1983
1984	---	17.0 B ON FEB 14	0.008 ON AUG 16	16 300	1984
1985	---	22.0 B ON FEB 24	0 ON AUG 12	24 700	1985
1986	17.9 AT 08:30 EST ON SEP 30	13.0 E ON MAR 19	0.002 ON SEP 5	15 400	1986
1987	13.7 AT 17:20 EST ON DEC 20	7.65 ON MAR 8	0 ON JUL 29	11 100	1987
1988	---	5.35 ON DEC 28	0 ON JUN 21	9 400	1988
				16 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	4.18	2.25	---	1973
1974	1.77	1.52	4.57	4.70	2.77	0.801	1.14	0.849	0.846	1.05	1.59	1.15	1.87	1974
1975	1.74	1.52	3.53	4.88	1.36	0.871	0.478	0.584	0.833	0.846	0.851	1.21	1.55	1975
1976	0.816	1.59	7.83	2.24	1.02	0.576	0.834	0.882	1.26	1.41	2.49	1.14	1.63	1976
1977	1.07	0.950	7.67	2.04	0.611	0.470	0.469	0.570	0.882	1.57	2.09	2.17	1.73	1977
1978	1.58	0.923	1.31	7.38	1.41	0.785	0.462	0.441	0.588	1.25	1.13	1.06	1.52	1978
1979	1.76	1.14	7.66	3.70	1.35	0.662	0.547	0.727	0.645	1.26	2.85	3.46	2.18	1979
1980	1.32	0.820	4.61	3.85	1.40	2.07	2.16	1.19	1.17	2.42	2.12	3.37	2.21	1980
1981	1.33	6.46	1.66	1.80	2.28	1.26	0.777	1.64	1.83	2.27	2.46	1.67	2.10	1981
1982	1.50	1.18	3.01	6.56	1.34	1.69	0.805	0.786	0.703	0.818	2.43	4.32	2.26	1982
1983	2.00	2.34	3.11	3.24	2.26	0.586	0.467	0.327	0.894	1.11	1.41	1.17	1.59	1983
1984	0.887	4.63	3.26	2.51	1.38	0.782	0.887	0.604	0.820	0.829	1.60	2.60	1.73	1984
1985	1.66	3.94	7.11	5.33	1.30	0.726	0.740	0.685	2.23	1.91	2.88	1.71	2.52	1985
1986	1.67	1.30	6.35	2.41	1.04	0.768	0.783	0.686	3.72	3.63	1.61	1.69	2.18	1986
MEAN	1.48	2.18	4.76	4.06	1.50	0.849	0.795	0.750	1.25	1.58	2.11	2.09	1.84	MEAN

LOCATION - LAT 44 41 38 N
LONG 79 52 58 W
DRAINAGE AREA, 188 km²
NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1986.

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	24.7 AT 21:45 EST ON MAR 6	22.5 ON MAR 7	0.476 ON AUG 15	59 100	1974
1975	39.8 AT 05:26 EST ON APR 18	33.1 ON APR 18	0.399 ON JUL 18	48 700	1975
1976	41.3 AT 03:56 EST ON MAR 21 *	36.2 ON MAR 21	0.445 ON JUN 24	58 000	1976
1977	40.8 AT 20:53 EST ON MAR 13	37.1 ON MAR 14 *	0.328 ON MAY 25	54 800	1977
1978	22.4 AT 18:58 EST ON APR 11	18.2 ON APR 8	0.323 ON SEP 10	48 000	1978
1979	19.8 AT 04:17 EST ON DEC 25	16.8 ON MAR 24	0.386 ON JUL 20	58 000	1979
1980	34.2 AT 18:08 EST ON MAR 21	26.3 ON MAR 21	0.890 ON SEP 12	70 000	1980
1981	33.2 AT 18:14 EST ON FEB 23	32.3 ON FEB 23	0.587 ON JUL 11	66 300	1981
1982	35.8 AT 20:10 EST ON MAR 31	28.7 ON APR 1	0.248 ON SEP 12	71 300	1982
1983	8.68 AT 20:37 EST ON FEB 3	7.73 ON JAN 11	0.140 ON AUG 18 *	60 100	1983
1984	20.4 AT 09:38 EST ON DEC 28	16.2 ON DEC 28	0.501 ON AUG 28	54 700	1984
1985	27.6 AT 17:41 EST ON MAR 28	22.8 ON MAR 28	0.533 ON AUG 4	79 800	1985
1986	22.2 AT 04:07 EST ON SEP 30	18.0 ON MAR 28	0.445 ON JUL 12	68 800	1986
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		61 300	MEAN

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.797	0.747	4.28	2.60	0.348	0.482	0.284	0.218	0.204	0.824	1.18	1.85	1.11	1987
1988	1.18	0.907	1.94	1.83	0.827	0.288	0.208	0.282	0.751	0.848	1.44	1.33	0.983	1988
MEAN	0.989	0.827	3.11	2.22	0.488	0.381	0.235	0.288	0.478	0.737	1.30	1.38	1.04	MEAN

LOCATION - LAT 44 38 58 N
LONG 79 54 18 W
DRAINAGE AREA, 118 km²
REGULATED

REMARKS - STATION ACTIVATED OCT 21 1986. REPLACES STATION NO. 02ED011.

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	12.6 AT 08:50 EST ON APR 5 *	11.6 ON MAR 26 *	0.133 ON SEP 28	34 900	1987
1988	---	8.33 ON MAR 26	0.102 ON JUL 21 *	30 400	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		32 700	MEAN

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.28	7.61	7.30	6.33	7.03	---	1915
1916	7.75	8.78	21.3	40.2	28.3	15.4	7.78	6.79	6.11	4.88	5.48	13.0	14.0	1916
1917	6.81	4.85	8.40	31.7	22.2	10.4	8.23	5.49	4.73	4.80	8.07	9.78	10.2	1917
1918	4.48	4.73	8.16	23.1	16.3	8.84	14.6	11.6	10.3	14.2	18.6	25.1	13.2	1918
1919	17.5	10.6	10.2	20.0	33.7	20.6	11.3	6.23	4.31	4.53	9.69	13.3	13.4	1919
1920	8.90	8.78	11.7	18.2	13.7	10.0	10.6	5.87	6.10	5.84	5.58	8.28	9.30	1920
1921	7.84	7.33	33.0	38.1	14.8	8.35	4.18	8.68	4.07	6.57	5.89	8.83	12.1	1921
1922	6.89	6.72	7.82	44.2	20.2	10.5	6.07	5.18	5.80	8.84	8.01	5.80	11.1	1922
1923	4.28	3.11	3.83	26.1	48.8	14.8	7.00	5.45	5.34	4.82	5.02	8.85	11.7	1923
1924	8.85	8.30	8.10	22.3	33.7	18.5	8.45	8.89	8.25	5.88	5.15	7.80	11.4	1924
1925	6.74	6.28	7.78	22.4	14.7	18.2	13.8	14.1	8.13	6.50	8.88	11.3	11.2	1925
1926	11.2	8.10	8.21	12.0	28.7	21.8	18.2	13.2	12.0	18.0	25.2	20.4	18.1	1926
1927	12.8	8.21	13.0	18.0	18.8	18.7	21.1	17.8	12.8	11.3	13.8	19.3	16.4	1927
1928	15.2	11.0	9.03	52.8	27.5	12.4	10.8	11.5	11.0	18.8	24.1	20.6	18.5	1928
1929	16.8	11.0	15.7	53.3	38.0	14.0	8.88	7.84	8.24	8.31	8.47	4.83	16.8	1929
1930	6.81	3.77	7.76	27.8	31.0	14.3	8.88	8.34	7.16	8.35	4.31	3.14	10.7	1930
1931	2.81	2.48	1.87	8.41	8.78	0.388	0.388	3.82	3.88	2.36	3.27	8.82	2.30	1931
1932	14.8	18.1	16.3	30.8	28.0	2.41	3.10	3.38	3.80	8.82	28.7	17.7	14.2	1932
1933	12.1	8.83	7.87	41.0	32.7	8.02	1.08	0.871	1.11	8.78	2.28	3.82	10.8	1933
1934	3.82	3.20	4.88	28.2	27.5	8.82	4.70	2.00	8.46	3.88	2.84	12.8	8.83	1934
1935	8.88	8.83	11.7	18.7	11.8	10.6	15.1	4.88	4.01	4.48	8.73	8.87	8.85	1935
1936	4.28	2.84	16.8	38.4	38.2	13.3	4.86	2.00	1.87	2.87	8.86	4.82	11.3	1936
1937	22.1	12.7	12.1	28.8	30.8	8.37	3.10	2.18	8.88	4.16	16.0	10.4	12.8	1937
1938	8.35	8.81	20.0	44.0	16.8	10.2	4.30	2.81	8.08	7.87	3.86	8.28	11.8	1938
1939	8.66	8.48	4.48	19.2	38.0	8.78	3.83	3.87	11.1	7.34	2.77	2.73	8.33	1939
1940	2.32	1.84	1.78	8.78	27.0	17.8	4.13	3.02	8.27	8.87	8.22	8.28	8.18	1940
1941	8.28	7.82	8.88	31.3	14.8	3.81	2.84	2.82	3.14	8.78	13.4	12.8	8.88	1941
1942	10.7	7.26	8.36	28.8	22.8	13.2	4.33	2.87	3.78	3.40	12.8	12.7	10.8	1942
1943	16.7	16.4	14.2	24.2	74.2	11.8	8.27	3.86	4.02	8.01	13.2	10.0	18.8	1943
1944	8.27	8.84	2.86	4.88	16.2	7.23	2.44	2.08	1.88	2.83	2.78	8.38	8.48	1944
1945	7.83	7.86	17.0	17.0	17.3	22.3	8.48	2.70	2.71	4.87	12.8	8.88	10.8	1945
1946	13.8	8.03	16.1	20.8	8.14	7.82	8.08	2.38	2.38	3.14	4.03	8.78	8.28	1946
1947	14.7	10.8	8.81	41.7	48.0	18.3	11.4	8.80	8.84	8.84	8.87	8.43	15.7	1947
1948	8.77	8.86	13.1	41.0	12.0	14.4	7.86	3.81	2.88	3.14	4.18	7.38	10.2	1948
1949	11.8	10.7	11.8	38.2	18.2	3.38	3.47	2.89	3.76	4.73	3.16	8.18	8.77	1949
1950	28.8	18.7	7.88	30.3	8.08	12.1	3.86	4.84	8.17	3.20	7.03	8.84	11.4	1950
1951	13.2	14.7	13.4	88.0	28.4	8.78	11.0	3.33	3.02	3.84	13.8	18.3	18.2	1951
1952	8.88	13.3	13.3	39.3	19.8	8.80	3.07	2.87	3.88	2.82	3.28	8.83	10.7	1952
1953	8.48	7.83	22.8	28.1	18.7	7.02	4.40	3.02	3.20	3.18	3.21	4.82	8.87	1953
1954	8.32	8.43	18.3	40.4	17.8	18.0	3.83	3.03	4.83	13.8	12.8	10.8	13.2	1954
1955	8.42	11.8	14.8	48.1	12.0	4.88	3.10	3.22	3.44	3.88	18.2	10.1	11.8	1955
1956	14.8	8.83	4.87	20.8	35.2	12.0	7.21	8.44	7.34	4.78	4.88	8.47	11.3	1956
1957	14.8	11.2	11.1	12.8	15.8	13.1	24.8	7.48	4.08	4.84	20.4	16.7	13.1	1957
1958	16.8	12.7	8.88	28.8	8.38	7.01	8.32	2.80	3.80	8.88	8.87	8.02	8.87	1958
1959	8.83	10.8	4.70	38.4	31.8	11.8	3.21	3.23	3.88	4.41	11.8	18.3	12.4	1959
1960	11.3	10.8	10.1	48.8	38.2	8.81	8.36	3.78	4.03	3.82	4.36	4.38	12.8	1960
1961	3.70	3.87	4.27	14.8	21.0	11.3	8.80	8.37	8.31	8.28	8.80	8.04	8.18	1961
1962	8.81	8.78	7.38	21.8	18.3	7.18	8.08	3.78	2.44	2.48	4.78	8.83	7.88	1962
1963	8.12	8.88	13.2	28.8	18.1	8.21	8.04	4.32	2.71	4.83	4.14	8.08	8.74	1963
1964	8.38	7.78	8.72	28.0	18.8	7.31	4.10	2.80	2.32	2.08	2.21	2.85	7.87	1964
1965	2.42	3.41	7.07	27.8	32.8	7.11	8.47	2.10	1.88	12.2	17.0	18.4	11.8	1965
1966	18.8	8.83	18.7	27.6	38.1	12.3	3.42	3.81	2.88	2.80	8.37	32.1	13.8	1966
1967	10.8	12.1	7.74	38.4	13.8	27.3	21.1	4.83	8.87	18.8	31.8	12.7	17.1	1967
1968	11.3	8.87	11.3	34.3	8.82	8.07	4.83	2.34	2.81	2.80	2.88	8.33	8.82	1968
1969	8.88	8.77	8.88	44.8	38.1	10.1	8.84	8.72	3.48	3.17	4.13	8.12	11.8	1969
1970	8.13	4.88	8.14	24.8	32.2	8.48	8.80	7.02	4.85	3.73	4.20	8.10	8.44	1970
1971	8.47	8.88	12.0	40.0	26.4	8.88	8.42	3.84	3.75	3.88	3.88	4.81	10.3	1971
1972	8.88	8.80	8.08	28.4	48.4	20.8	13.2	8.23	7.28	8.24	21.1	10.8	16.8	1972
1973	14.8	13.0	38.2	43.8	20.8	12.0	7.88	8.80	8.81	4.87	8.34	14.3	18.3	1973
1974	10.3	10.3	20.8	48.8	41.1	11.3	8.80	8.48	8.74	8.88	18.8	12.8	18.1	1974
1975	8.08	7.28	12.2	28.1	27.0	8.81	8.18	4.48	4.01	3.88	3.73	8.85	10.3	1975
1976	8.32	8.33	28.1	88.1	18.2	7.81	8.82	4.88	3.13	2.78	3.84	4.48	12.8	1976
1977	8.35	8.12	18.8	23.0	8.87	4.88	3.41	2.84	2.88	8.18	12.8	18.8	8.88	1977
1978	7.88	7.77	8.18	34.4	38.2	7.08	4.88	4.41	8.21	8.28	7.42	11.2	11.7	1978
1979	8.41	8.33	20.8	82.8	26.8	11.8	4.88	3.76	3.81	4.18	11.8	21.8	14.8	1979
1980	12.8	7.38	13.1	48.1	13.7	18.1	12.2	13.7	8.18	10.8	18.1	11.8	18.0	1980
1981	8.40	22.2	30.1	33.8	17.2	8.48	8.78	4.07	8.43	8.88	8.28	8.04	13.1	1981
1982	8.48	8.18	8.00	44.2	18.8	18.2	8.28	4.08	4.08	3.78	10.4	28.8	13.1	1982
1983	18.4	10.8	17.8	28.4	48.7	13.8	4.82	3.81	2.84	4.28	8.78	11.8	13.8	1983
1984	8.88	11.7	17.4	82.8	21.7	8.74	8.17	8.78	8.88	3.31	8.04	11.8	13.8	1984
1985	20.3	8.80	20.3	83.8	23.0	8.77	8.74	3.83	8.08	8.44	10.7	13.7	18.1	1985
1986	8.83	7.27	14.8	30.2	23.8	12.8	8.83	7.48	8.71	20.4	8.26	8.38	12.8	1986
1987	7.24	8.08	11.3	37.7	10.0	8.26	8.38	4.18	1.82	1.07	4.08	18.1	8.40	1987
1988	8.08	8.04	11.3	43.8	21.7	4.33	1.28	1.02	3.11	2.81	8.38	8.88	10.1	1988
MEAN	9.70	8.48	12.2	32.8	24.8	11.1	7.10	5.13	4.83	8.00	8.89	10.7	11.8	MEAN

LOCATION - LAT 48 03 08 N DRAINAGE AREA, 837 km²
LONG 77 50 42 W REGULATED

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	49.0 ON APR 28	3.20 ON OCT 1	441 000	1916
1917	---	43.6 ON APR 28	3.40 ON OCT 12	322 000	1917
1918	---	34.0 ON DEC 3	2.88 ON JAN 27	417 000	1918
1919	---	45.0E ON MAY 28	2.44 ON SEP 28	423 000	1919
1920	---	28.6 ON APR 4	3.51 ON OCT 17	294 000	1920
1921	---	93.7 ON MAR 30	1.81 ON JUL 2	380 000	1921
1922	---	81.2 ON APR 21	4.53 ON JUN 24	351 000	1922
1923	---	72.5 ON MAY 22	3.11 B ON FEB 1	388 000	1923
1924	---	41.1 ON MAY 5	2.89 ON NOV 4	359 000	1924
1925	---	30.0 ON APR 18	3.91 B ON JAN 30	355 000	1925
1926	---	42.5 ON MAY 12	8.08 ON MAR 28	509 000	1926
1927	---	45.6 ON JUL 26	6.84 B ON MAR 1	486 000	1927
1928	---	77.0 ON APR 14	7.79 ON SEP 5	585 000	1928
1929	---	58.6 ON APR 17	4.53 B ON DEC 1	492 000	1929
1930	---	43.6 ON MAY 4	3.14 B ON DEC 1	337 000	1930
1931	---	14.7 ON MAY 4	0.368 ON MAY 14	104 000	1931
1932	---	41.3 ON APR 24	1.84 ON JUN 4	448 000	1932
1933	---	76.7 ON APR 25	0.850 ON JUL 8	334 000	1933
1934	---	48.8 ON MAY 5	0.878 ON AUG 18	278 000	1934
1935	---	32.6 ON MAR 28	0.878 ON MAY 29	301 000	1935
1936	---	65.1 ON MAY 12	1.27 ON AUG 14	358 000	1936
1937	---	48.8 ON APR 30	1.33 ON JUL 25	408 000	1937
1938	---	57.5 ON APR 2	0.538 ON OCT 30	382 000	1938
1939	---	58.5 ON MAY 1	0.783 ON OCT 28	295 000	1939
1940	---	38.8 ON MAY 31	1.58 ON AUG 11	288 000	1940
1941	---	84.0 ON APR 21	1.87 ON AUG 24	302 000	1941
1942	---	37.1 ON MAY 24	2.12 ON SEP 27	343 000	1942
1943	---	108 ON MAY 10 *	2.15 ON OCT 10	530 000	1943
1944	---	24.2 ON MAY 28	1.28 ON SEP 3	173 000	1944
1945	---	34.3 ON MAY 20	1.78 ON JUL 29	342 000	1945
1946	---	42.8 ON APR 3	1.83 ON AUG 4	380 000	1946
1947	---	86.7 ON MAY 3	4.87 ON OCT 28	484 000	1947
1948	---	44.7 ON APR 13	1.78 ON OCT 27	321 000	1948
1949	---	48.4 ON APR 17	0.736 ON AUG 1	308 000	1949
1950	---	44.7 ON APR 17	0.026 ON SEP 22 *	388 000	1950
1951	---	88.0 ON APR 18	2.28 ON SEP 8	511 000	1951
1952	---	81.7 ON APR 23	2.27 ON AUG 28	338 000	1952
1953	---	48.7 ON APR 4	2.35 ON NOV 15	302 000	1953
1954	---	57.8 ON APR 18	1.70 ON AUG 23	417 000	1954
1955	---	83.7 ON APR 21	2.83 ON JUL 11	388 000	1955
1956	---	42.8 ON MAY 18	3.81 ON NOV 4	358 000	1956
1957	---	84.8 ON JUL 3	2.15 ON SEP 8	412 000	1957
1958	---	43.0 ON APR 22	2.83 ON AUG 20	314 000	1958
1959	---	89.7 ON MAY 1	1.10 ON JUN 28	380 000	1959
1960	---	102 ON APR 25	1.83 ON OCT 15	409 000	1960
1961	---	60.7 ON APR 27	3.54 ON APR 2	258 000	1961
1962	---	36.0 ON APR 14	1.84 ON SEP 14	239 000	1962
1963	---	53.8 ON APR 8	2.44 ON SEP 1	276 000	1963
1964	---	55.8 ON APR 23	0.575 ON OCT 25	238 000	1964
1965	---	58.3 ON MAY 4	1.18 ON SEP 5	384 000	1965
1966	---	47.8 ON APR 30	1.80 ON NOV 13	428 000	1966
1967	65.4 AT 17:30 EST ON APR 19	58.1 ON APR 19	3.08 ON AUG 20	538 000	1967
1968	70.2 AT 12:55 EST ON APR 5	57.1 ON APR 5	1.21 ON AUG 18	270 000	1968
1969	75.6 AT 14:55 EST ON APR 19	74.6 ON APR 19	2.28 ON SEP 6	375 000	1969
1970	75.3 AT 10:35 EST ON APR 27	74.8 ON APR 28	2.61 ON OCT 30	288 000	1970
1971	77.5 AT 03:40 EST ON APR 26	77.3 ON APR 25	2.80 ON OCT 21	328 000	1971
1972	82.0 AT 23:15 EST ON MAY 4	81.2 ON MAY 4	4.80 B ON JAN 18	488 000	1972
1973	81.5 AT 17:28 EST ON APR 5	80.7 ON APR 5	2.87 ON NOV 20	483 000	1973
1974	80.7 AT 08:41 EST ON MAY 18	79.6 ON MAY 18	3.43 ON OCT 6	507 000	1974
1975	79.6 AT 14:17 EST ON APR 27	79.0 ON APR 27	2.82 ON NOV 15	328 000	1975
1976	101 AT 00:26 EST ON APR 7	97.4 ON APR 7	1.21 ON SEP 21	398 000	1976
1977	92.7 AT 08:24 EST ON APR 7	48.8 ON APR 7	2.16 ON SEP 5	283 000	1977
1978	85.8 AT 18:53 EST ON APR 28	84.1 ON APR 28	2.88 ON APR 8	388 000	1978
1979	79.6 AT 02:33 EST ON APR 8	78.0 ON APR 8	1.78 ON AUG 27	488 000	1979
1980	88.1 AT 14:01 EST ON APR 15	85.3 ON APR 15	3.57 ON SEP 19	473 000	1980
1981	88.2 AT 20:57 EST ON FEB 24	82.8 ON FEB 25	2.84 ON AUG 25	413 000	1981
1982	84.6 AT 15:23 EST ON APR 20	83.7 ON APR 22	2.78 ON OCT 8	414 000	1982
1983	105 AT 01:43 EST ON MAY 10	102 ON MAY 10	2.04 ON SEP 10	438 000	1983
1984	75.7 AT 19:26 EST ON APR 15	74.1 ON APR 15	3.15 ON OCT 15	427 000	1984
1985	108 AT 02:17 EST ON APR 25 *	103 ON APR 25	3.00 ON AUG 25	477 000	1985
1986	89.6 AT 07:21 EST ON APR 4	88.3 ON APR 4	4.45 ON MAR 10	402 000	1986
1987	82.6 AT 08:21 EST ON APR 8	81.8 ON APR 8	0.343 ON OCT 4	298 000	1987
1988	---	80.6 ON APR 8	0.287 ON SEP 4	318 000	1988
				371 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.383	0.388	0.427	---	1983
1984	0.495	0.434	0.955	0.868	0.792	0.408	0.382	0.766	0.434	0.397	0.452	0.725	0.601	1984
1985	0.802	1.37	2.25	1.58	0.649	0.452	0.385	0.431	0.488	0.885	0.714	0.830	0.888	1985
1986	0.874	0.801	1.21	1.00	0.722	0.467	0.374	0.404	0.483	0.422	0.804	1.05	0.884	1986
1987	0.828	0.856	0.814	1.18	0.811	0.508	0.514	0.422	0.383	0.880	0.688	0.737	0.884	1987
1988	0.711	1.11	0.880	0.787	0.827	0.718	0.504	0.458	0.551	0.595	0.805	0.852	0.721	1988
1989	1.75	1.11	0.939	1.44	1.08	0.788	0.585	0.488	0.462	0.514	0.721	0.761	0.878	1989
1970	0.888	0.777	0.988	0.848	0.580	0.418	0.387	0.337	0.418	0.538	0.851	0.783	0.643	1970
1971	0.878	0.853	1.43	1.00	0.804	0.478	0.385	0.387	0.395	0.482	0.817	0.832	0.853	1971
1972	0.672	0.827	2.08	1.38	0.826	0.588	0.530	0.462	0.477	0.519	0.701	0.888	0.818	1972
1973	0.788	0.703	1.88	1.10	0.788	0.587	0.474	0.422	0.378	0.530	0.740	0.878	0.758	1973
1974	0.889	0.840	1.30	1.10	1.12	0.888	0.642	0.492	0.518	0.648	0.882	0.782	0.807	1974
1975	0.888	0.878	1.18	0.881	0.834	0.708	0.487	0.481	0.844	0.595	0.738	1.08	0.770	1975
1976	0.852	1.77	2.30	1.23	1.23	0.898	0.708	0.615	0.580	0.828	0.888	0.808	0.886	1976
1977	0.484	0.881	1.80	1.45	0.883	0.820	0.480	0.472	1.21	0.852	0.901	1.35	0.808	1977
1978	0.858	0.782	1.78	1.80	---	---	---	---	---	---	---	---	---	1978
MEAN	0.818	0.905	1.45	1.17	0.804	0.572	0.478	0.488	0.528	0.551	0.672	0.828	0.772	MEAN

LOCATION - LAT 42 45 52 N DRAINAGE AREA, 85.8 km²
LONG 80 17 45 W REGULATED

REMARKS - SEASONAL REGULATION

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	3.23 AT 18:00 EST ON AUG 23	2.50 ON AUG 24	0.241 ON JUL 30	19 000	1984
1985	13.3 AT 12:30 EST ON MAR 5 *	11.4 ON MAR 6 *	0.278 ON JUL 27	28 000	1985
1986	4.05 AT 14:45 EST ON DEC 7	2.86 ON DEC 8	0.236 ON JUN 6 *	21 500	1986
1987	3.86 AT 18:15 EST ON NOV 1	2.18 ON APR 7	0.337 ON SEP 18	21 800	1987
1988	5.82 AT 17:00 EST ON FEB 3	4.86 ON FEB 2	0.346 ON JUL 23	22 800	1988
1989	---	7.08E ON JAN 30	0.411 ON AUG 15	27 700	1989
1970	2.47 AT 08:53 EST ON NOV 5	2.02 ON APR 3	0.287 ON AUG 9	20 300	1970
1971	3.71 AT 01:45 EST ON FEB 28	2.84 ON FEB 28	0.287 ON AUG 10	20 600	1971
1972	10.8 AT 09:37 EST ON MAR 2	7.33 ON MAR 2	0.381 ON AUG 22	25 600	1972
1973	3.88 AT 03:30 EST ON MAR 16	3.57 ON MAR 15	0.331E ON SEP 5	23 600	1973
1974	4.19 AT 18:43 EST ON MAR 5	3.51 ON MAR 5	0.447 ON AUG 30	25 500	1974
1975	3.68 AT 08:53 EST ON SEP 23	3.08 ON FEB 25	0.388 ON AUG 1	24 300	1975
1976	8.26 AT 23:31 EST ON MAR 5	6.74 ON MAR 5	0.483B ON DEC 31	31 500	1976
1977	12.9 AT 17:56 EST ON SEP 26	7.76 ON SEP 26	0.377 ON JUL 29	28 700	1977
1978	6.71 AT 19:03 EST ON MAR 21	6.74 ON MAR 21	---	---	1978
				24 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

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